

すきぷり 計算ドリル

分数の掛け算と割り算 3つの数

もくじ

分数の掛け算と割り算 真分数

分数の掛け算と割り算 真分数と整数

分数の掛け算と割り算 真分数と整数と帯分数

問題

計算をしましょう。

①

$$\frac{13}{14} \times \frac{7}{12} \div \frac{2}{3}$$

②

$$\frac{8}{13} \times \frac{8}{13} \div \frac{8}{13}$$

③

$$\frac{7}{10} \times \frac{9}{14} \times \frac{5}{12}$$

④

$$\frac{12}{13} \div \frac{8}{13} \times \frac{11}{12}$$

①

$$\begin{aligned} & \frac{13}{14} \times \frac{7}{12} \div \frac{2}{3} \\ &= \frac{13 \times \overset{1}{\cancel{7}} \times \overset{3}{\cancel{3}}}{\underset{2}{\cancel{14}} \times \underset{4}{\cancel{12}} \times 2} \\ &= \frac{13}{16} \end{aligned}$$

参考 約分のしかた

7と14を7でわって1と2

3と12を3でわって1と4

②

$$\begin{aligned} & \frac{8}{13} \times \frac{8}{13} \div \frac{8}{13} \\ &= \frac{\overset{1}{\cancel{8}} \times 8 \times \overset{1}{\cancel{13}}}{\underset{1}{\cancel{13}} \times 13 \times \underset{1}{\cancel{8}}} \\ &= \frac{8}{13} \end{aligned}$$

参考 約分のしかた

8と8を8でわって1と1

13と13を13でわって1と1

③

$$\begin{aligned} & \frac{7}{10} \times \frac{9}{14} \times \frac{5}{12} \\ &= \frac{\overset{1}{\cancel{7}} \times \overset{3}{\cancel{9}} \times \overset{1}{\cancel{5}}}{\underset{2}{\cancel{10}} \times \underset{2}{\cancel{14}} \times \underset{4}{\cancel{12}}} \\ &= \frac{3}{16} \end{aligned}$$

参考 約分のしかた

7と14を7でわって1と2

9と12を3でわって3と4

5と10を5でわって1と2

④

$$\begin{aligned} & \frac{12}{13} \div \frac{8}{13} \times \frac{11}{12} \\ &= \frac{\overset{1}{\cancel{12}} \times \overset{1}{\cancel{13}} \times 11}{\underset{1}{\cancel{13}} \times 8 \times \underset{1}{\cancel{12}}} \\ &= \frac{11}{8} \\ &= 1\frac{3}{8} \end{aligned}$$

参考 約分のしかた

12と12を12でわって1と1

13と13を13でわって1と1

5

$$\frac{7}{8} \div \frac{7}{8} \times \frac{3}{14}$$

6

$$\frac{2}{5} \div \frac{2}{11} \times \frac{10}{11}$$

7

$$\frac{3}{4} \times \frac{6}{11} \div \frac{1}{3}$$

8

$$\frac{8}{11} \div \frac{2}{11} \times \frac{2}{3}$$

5

$$\begin{aligned} & \frac{7}{8} \div \frac{7}{8} \times \frac{3}{14} \\ & = \frac{\cancel{7} \times \cancel{8} \times 3}{8 \times \cancel{7} \times 14} \\ & = \frac{3}{14} \end{aligned}$$

参考 約分のしかた

7と7を7でわって1と1

8と8を8でわって1と1

6

$$\begin{aligned} & \frac{2}{5} \div \frac{2}{11} \times \frac{10}{11} \\ & = \frac{\cancel{2} \times \cancel{11} \times \cancel{10}^2}{5 \times \cancel{2} \times \cancel{11}} \\ & = \frac{2}{1} \\ & = 2 \end{aligned}$$

参考 約分のしかた

2と2を2でわって1と1

11と11を11でわって1と1

10と5を5でわって2と1

7

$$\begin{aligned} & \frac{3}{4} \times \frac{6}{11} \div \frac{1}{3} \\ & = \frac{3 \times \cancel{6}^3 \times 3}{\cancel{4} \times 11 \times 1} \\ & = \frac{27}{22} \\ & = 1 \frac{5}{22} \end{aligned}$$

参考 約分のしかた

6と4を2でわって3と2

8

$$\begin{aligned} & \frac{8}{11} \div \frac{2}{11} \times \frac{2}{3} \\ & = \frac{\cancel{8}^4 \times \cancel{11} \times 2}{\cancel{11} \times \cancel{2} \times 3} \\ & = \frac{8}{3} \\ & = 2 \frac{2}{3} \end{aligned}$$

参考 約分のしかた

8と2を2でわって4と1

11と11を11でわって1と1

9

$$\frac{4}{5} \div \frac{2}{5} \times \frac{1}{5}$$

10

$$\frac{6}{11} \times \frac{11}{15} \div \frac{1}{2}$$

11

$$\frac{7}{13} \div \frac{14}{15} \div \frac{1}{2}$$

12

$$\frac{3}{8} \div \frac{9}{13} \times \frac{6}{7}$$

9

$$\begin{aligned} & \frac{4}{5} \div \frac{2}{5} \times \frac{1}{5} \\ &= \frac{\overset{2}{\cancel{4}} \times \overset{1}{\cancel{5}} \times 1}{\underset{1}{5} \times \underset{1}{\cancel{2}} \times 5} \\ &= \frac{2}{5} \end{aligned}$$

参考 約分のしかた

4と2を2でわって2と1

5と5を5でわって1と1

10

$$\begin{aligned} & \frac{6}{11} \times \frac{11}{15} \div \frac{1}{2} \\ &= \frac{\overset{2}{\cancel{6}} \times \overset{1}{\cancel{11}} \times 2}{\underset{1}{11} \times \underset{5}{\cancel{15}} \times 1} \\ &= \frac{4}{5} \end{aligned}$$

参考 約分のしかた

6と15を3でわって2と5

11と11を11でわって1と1

11

$$\begin{aligned} & \frac{7}{13} \div \frac{14}{15} \div \frac{1}{2} \\ &= \frac{\overset{1}{\cancel{7}} \times 15 \times 2}{13 \times \underset{2}{\cancel{14}} \times 1} \\ &= \frac{1 \times 15 \times \overset{1}{\cancel{2}}}{13 \times \underset{1}{\cancel{2}} \times 1} \\ &= \frac{15}{13} \\ &= 1 \frac{2}{13} \end{aligned}$$

参考 約分のしかた

7と14を7でわって1と2

2と2を2でわって1と1

12

$$\begin{aligned} & \frac{3}{8} \div \frac{9}{13} \times \frac{6}{7} \\ &= \frac{3 \times 13 \times \overset{2}{\cancel{6}}}{8 \times \underset{3}{\cancel{9}} \times 7} \\ &= \frac{\overset{1}{\cancel{3}} \times 13 \times \overset{1}{\cancel{2}}}{\underset{4}{8} \times \underset{1}{\cancel{3}} \times 7} \\ &= \frac{13}{28} \end{aligned}$$

参考 約分のしかた

6と9を3でわって2と3

3と3を3でわって1と1

2と8を2でわって1と4

13

$$\frac{7}{13} \div \frac{3}{13} \times \frac{1}{7}$$

14

$$\frac{4}{9} \times \frac{3}{14} \div \frac{4}{7}$$

15

$$\frac{3}{4} \times \frac{11}{12} \times \frac{7}{11}$$

16

$$\frac{2}{9} \times \frac{5}{8} \div \frac{1}{3}$$

13

$$\frac{7}{13} \div \frac{3}{13} \times \frac{1}{7}$$

$$= \frac{\cancel{7} \times \cancel{13} \times 1}{\cancel{13} \times 3 \times \cancel{7}}$$

$$= \frac{1}{3}$$

参考 約分のしかた
 7と7を7でわって1と1
 13と13を13でわって1と1

14

$$\frac{4}{9} \times \frac{3}{14} \div \frac{4}{7}$$

$$= \frac{\cancel{4} \times \cancel{3} \times \cancel{7}}{\cancel{9} \times \cancel{14} \times \cancel{4}}$$

$$= \frac{1}{6}$$

参考 約分のしかた
 4と4を4でわって1と1
 3と9を3でわって1と3
 7と14を7でわって1と2

15

$$\frac{3}{4} \times \frac{11}{12} \times \frac{7}{11}$$

$$= \frac{\cancel{3} \times \cancel{11} \times 7}{4 \times \cancel{12} \times \cancel{11}}$$

$$= \frac{7}{16}$$

参考 約分のしかた
 3と12を3でわって1と4
 11と11を11でわって1と1

16

$$\frac{2}{9} \times \frac{5}{8} \div \frac{1}{3}$$

$$= \frac{\cancel{2} \times 5 \times \cancel{3}}{\cancel{9} \times \cancel{8} \times 1}$$

$$= \frac{5}{12}$$

参考 約分のしかた
 2と8を2でわって1と4
 3と9を3でわって1と3

17

$$\frac{2}{3} \div \frac{2}{3} \times \frac{7}{11}$$

18

$$\frac{5}{12} \div \frac{5}{12} \div \frac{5}{14}$$

19

$$\frac{5}{8} \times \frac{1}{7} \div \frac{3}{14}$$

20

$$\frac{3}{7} \times \frac{2}{5} \div \frac{5}{14}$$

17

$$\begin{aligned} & \frac{2}{3} \div \frac{2}{3} \times \frac{7}{11} \\ &= \frac{\cancel{2} \times \cancel{3} \times 7}{\cancel{3} \times \cancel{2} \times 11} \\ &= \frac{7}{11} \end{aligned}$$

参考 約分のしかた

2と2を2でわって1と1

3と3を3でわって1と1

18

$$\begin{aligned} & \frac{5}{12} \div \frac{5}{12} \div \frac{5}{14} \\ &= \frac{\cancel{5} \times \cancel{12} \times 14}{\cancel{12} \times \cancel{5} \times 5} \\ &= \frac{14}{5} \\ &= 2\frac{4}{5} \end{aligned}$$

参考 約分のしかた

5と5を5でわって1と1

12と12を12でわって1と1

19

$$\begin{aligned} & \frac{5}{8} \times \frac{1}{7} \div \frac{3}{14} \\ &= \frac{5 \times 1 \times \cancel{14}^2}{8 \times \cancel{7} \times 3} \\ &= \frac{5 \times 1 \times \cancel{2}}{\cancel{8} \times 1 \times 3} \\ &= \frac{5}{12} \end{aligned}$$

参考 約分のしかた

14と7を7でわって2と1

2と8を2でわって1と4

20

$$\begin{aligned} & \frac{3}{7} \times \frac{2}{5} \div \frac{5}{14} \\ &= \frac{3 \times 2 \times \cancel{14}^2}{\cancel{7} \times 5 \times 5} \\ &= \frac{12}{25} \end{aligned}$$

参考 約分のしかた

14と7を7でわって2と1

①

$$\frac{5}{12} \times \frac{4}{7} \div \frac{5}{6}$$

②

$$\frac{9}{10} \div \frac{3}{13} \times \frac{5}{12}$$

③

$$\frac{4}{7} \div \frac{3}{7} \div \frac{1}{2}$$

④

$$\frac{1}{6} \div \frac{2}{3} \times \frac{2}{15}$$

①

$$\begin{aligned} & \frac{5}{12} \times \frac{4}{7} \div \frac{5}{6} \\ &= \frac{\overset{1}{\cancel{5}} \times 4 \times \overset{2}{\cancel{6}}}{\underset{4}{\cancel{12}} \times 7 \times \underset{1}{\cancel{5}}} \\ &= \frac{1 \times \overset{1}{\cancel{4}} \times 2}{\underset{1}{\cancel{4}} \times 7 \times 1} \\ &= \frac{2}{7} \end{aligned}$$

参考 約分のしかた

5と5を5でわって1と1
6と12を3でわって2と4
4と4を4でわって1と1

②

$$\begin{aligned} & \frac{9}{10} \div \frac{3}{13} \times \frac{5}{12} \\ &= \frac{\overset{3}{\cancel{9}} \times 13 \times \overset{1}{\cancel{5}}}{\underset{2}{\cancel{10}} \times 3 \times \underset{4}{\cancel{12}}} \\ &= \frac{\overset{1}{\cancel{3}} \times 13 \times 1}{2 \times \underset{1}{\cancel{3}} \times 4} \\ &= \frac{13}{8} \\ &= 1\frac{5}{8} \end{aligned}$$

参考 約分のしかた

9と12を3でわって3と4
5と10を5でわって1と2
3と3を3でわって1と1

③

$$\begin{aligned} & \frac{4}{7} \div \frac{3}{7} \div \frac{1}{2} \\ &= \frac{4 \times \overset{1}{\cancel{7}} \times 2}{\underset{1}{\cancel{7}} \times 3 \times 1} \\ &= \frac{8}{3} \\ &= 2\frac{2}{3} \end{aligned}$$

参考 約分のしかた

7と7を7でわって1と1

④

$$\begin{aligned} & \frac{1}{6} \div \frac{2}{3} \times \frac{2}{15} \\ &= \frac{1 \times \overset{1}{\cancel{3}} \times \overset{2}{\cancel{2}}}{\underset{3}{\cancel{6}} \times 2 \times \underset{5}{\cancel{15}}} \\ &= \frac{1}{30} \end{aligned}$$

参考 約分のしかた

3と15を3でわって1と5
2と6を2でわって1と3

5

$$\frac{7}{11} \div \frac{8}{11} \times \frac{1}{2}$$

6

$$\frac{8}{11} \div \frac{7}{8} \div \frac{8}{11}$$

7

$$\frac{2}{13} \div \frac{2}{7} \times \frac{13}{14}$$

8

$$\frac{9}{11} \div \frac{3}{7} \div \frac{7}{8}$$

5

$$\begin{aligned} & \frac{7}{11} \div \frac{8}{11} \times \frac{1}{2} \\ &= \frac{7 \times \cancel{11} \times 1}{\cancel{11} \times 8 \times 2} \\ &= \frac{7}{16} \end{aligned}$$

参考 約分のしかた
11と11を11でわって1と1

6

$$\begin{aligned} & \frac{8}{11} \div \frac{7}{8} \div \frac{8}{11} \\ &= \frac{\cancel{8} \times 8 \times \cancel{11}}{\cancel{11} \times 7 \times \cancel{8}} \\ &= \frac{8}{7} \\ &= 1\frac{1}{7} \end{aligned}$$

参考 約分のしかた
8と8を8でわって1と1
11と11を11でわって1と1

7

$$\begin{aligned} & \frac{2}{13} \div \frac{2}{7} \times \frac{13}{14} \\ &= \frac{\cancel{2} \times \cancel{7} \times \cancel{13}}{\cancel{13} \times 2 \times \cancel{14}} \\ &= \frac{1}{2} \end{aligned}$$

参考 約分のしかた
2と2を2でわって1と1
7と14を7でわって1と2
13と13を13でわって1と1

8

$$\begin{aligned} & \frac{9}{11} \div \frac{3}{7} \div \frac{7}{8} \\ &= \frac{\cancel{9} \times \cancel{7} \times 8}{11 \times \cancel{3} \times \cancel{7}} \\ &= \frac{24}{11} \\ &= 2\frac{2}{11} \end{aligned}$$

参考 約分のしかた
9と3を3でわって3と1
7と7を7でわって1と1

9

$$\frac{8}{13} \div \frac{4}{13} \times \frac{4}{5}$$

10

$$\frac{9}{10} \div \frac{2}{13} \div \frac{13}{15}$$

11

$$\frac{1}{2} \times \frac{5}{7} \div \frac{3}{7}$$

12

$$\frac{13}{14} \div \frac{13}{14} \div \frac{7}{13}$$

9

$$\begin{aligned} & \frac{8}{13} \div \frac{4}{13} \times \frac{4}{5} \\ & = \frac{\overset{2}{\cancel{8}} \times \overset{1}{\cancel{13}} \times 4}{\underset{1}{\cancel{13}} \times \underset{1}{\cancel{4}} \times 5} \\ & = \frac{8}{5} \\ & = 1\frac{3}{5} \end{aligned}$$

参考 約分のしかた

8と4を4でわって2と1

13と13を13でわって1と1

10

$$\begin{aligned} & \frac{9}{10} \div \frac{2}{13} \div \frac{13}{15} \\ & = \frac{9 \times \overset{1}{\cancel{13}} \times \overset{3}{\cancel{15}}}{\underset{2}{10} \times \underset{1}{\cancel{13}}} \\ & = \frac{27}{4} \\ & = 6\frac{3}{4} \end{aligned}$$

参考 約分のしかた

13と13を13でわって1と1

15と10を5でわって3と2

11

$$\begin{aligned} & \frac{1}{2} \times \frac{5}{7} \div \frac{3}{7} \\ & = \frac{1 \times 5 \times \overset{1}{\cancel{7}}}{2 \times \underset{1}{\cancel{7}} \times 3} \\ & = \frac{5}{6} \end{aligned}$$

参考 約分のしかた

7と7を7でわって1と1

12

$$\begin{aligned} & \frac{13}{14} \div \frac{13}{14} \div \frac{7}{13} \\ & = \frac{\overset{1}{\cancel{13}} \times \overset{1}{\cancel{14}} \times 13}{\underset{1}{\cancel{14}} \times \underset{1}{\cancel{13}} \times 7} \\ & = \frac{13}{7} \\ & = 1\frac{6}{7} \end{aligned}$$

参考 約分のしかた

13と13を13でわって1と1

14と14を14でわって1と1

13

$$\frac{9}{10} \div \frac{3}{5} \div \frac{7}{10}$$

14

$$\frac{3}{10} \div \frac{2}{15} \times \frac{12}{13}$$

15

$$\frac{1}{2} \times \frac{9}{11} \times \frac{11}{13}$$

16

$$\frac{9}{14} \div \frac{3}{14} \times \frac{2}{9}$$

13

$$\begin{aligned} & \frac{9}{10} \div \frac{3}{5} \div \frac{7}{10} \\ &= \frac{\overset{3}{\cancel{9}} \times 5 \times \overset{1}{\cancel{10}}}{\underset{1}{10} \times \underset{1}{\cancel{3}} \times 7} \\ &= \frac{15}{7} \\ &= 2\frac{1}{7} \end{aligned}$$

参考 約分のしかた
 9と3を3でわって3と1
 10と10を10でわって1と1

14

$$\begin{aligned} & \frac{3}{10} \div \frac{2}{15} \times \frac{12}{13} \\ &= \frac{3 \times 15 \times \overset{6}{\cancel{12}}}{\underset{5}{10} \times 2 \times 13} \\ &= \frac{3 \times \overset{3}{\cancel{15}} \times \overset{3}{\cancel{6}}}{\underset{1}{5} \times \underset{1}{2} \times 13} \\ &= \frac{27}{13} \\ &= 2\frac{1}{13} \end{aligned}$$

参考 約分のしかた
 12と10を2でわって6と5
 15と5を5でわって3と1
 6と2を2でわって3と1

15

$$\begin{aligned} & \frac{1}{2} \times \frac{9}{11} \times \frac{11}{13} \\ &= \frac{1 \times 9 \times \overset{1}{\cancel{11}}}{2 \times \overset{1}{\cancel{11}} \times 13} \\ &= \frac{9}{26} \end{aligned}$$

参考 約分のしかた
 11と11を11でわって1と1

16

$$\begin{aligned} & \frac{9}{14} \div \frac{3}{14} \times \frac{2}{9} \\ &= \frac{\overset{1}{\cancel{9}} \times \overset{1}{\cancel{14}} \times 2}{\underset{1}{14} \times 3 \times \underset{1}{\cancel{9}}} \\ &= \frac{2}{3} \end{aligned}$$

参考 約分のしかた
 9と9を9でわって1と1
 14と14を14でわって1と1

17

$$\frac{7}{9} \div \frac{4}{15} \div \frac{7}{8}$$

18

$$\frac{3}{5} \times \frac{8}{13} \div \frac{4}{5}$$

19

$$\frac{7}{15} \div \frac{7}{10} \div \frac{8}{13}$$

20

$$\frac{14}{15} \div \frac{6}{11} \times \frac{5}{11}$$

17

$$\begin{aligned} & \frac{7}{9} \div \frac{4}{15} \div \frac{7}{8} \\ &= \frac{\overset{1}{\cancel{7}} \times \overset{5}{\cancel{15}} \times \overset{2}{\cancel{8}}}{\underset{3}{\cancel{9}} \times \underset{1}{\cancel{4}} \times \underset{1}{\cancel{7}}} \\ &= \frac{10}{3} \\ &= 3\frac{1}{3} \end{aligned}$$

参考 約分のしかた

7と7を7でわって1と1
 15と9を3でわって5と3
 8と4を4でわって2と1

18

$$\begin{aligned} & \frac{3}{5} \times \frac{8}{13} \div \frac{4}{5} \\ &= \frac{3 \times \overset{2}{\cancel{8}} \times \overset{1}{\cancel{5}}}{\underset{1}{\cancel{5}} \times 13 \times \underset{1}{\cancel{4}}} \\ &= \frac{6}{13} \end{aligned}$$

参考 約分のしかた

8と4を4でわって2と1
 5と5を5でわって1と1

19

$$\begin{aligned} & \frac{7}{15} \div \frac{7}{10} \div \frac{8}{13} \\ &= \frac{\overset{1}{\cancel{7}} \times \overset{2}{\cancel{10}} \times 13}{\underset{3}{\cancel{15}} \times \underset{1}{\cancel{7}} \times 8} \\ &= \frac{1 \times \overset{1}{\cancel{2}} \times 13}{3 \times 1 \times \underset{4}{\cancel{8}}} \\ &= \frac{13}{12} \\ &= 1\frac{1}{12} \end{aligned}$$

参考 約分のしかた

7と7を7でわって1と1
 10と15を5でわって2と3
 2と8を2でわって1と4

20

$$\begin{aligned} & \frac{14}{15} \div \frac{6}{11} \times \frac{5}{11} \\ &= \frac{\overset{7}{\cancel{14}} \times \overset{1}{\cancel{11}} \times \overset{1}{\cancel{5}}}{\underset{3}{\cancel{15}} \times \underset{3}{\cancel{6}} \times \underset{1}{\cancel{11}}} \\ &= \frac{7}{9} \end{aligned}$$

参考 約分のしかた

14と6を2でわって7と3
 11と11を11でわって1と1
 5と15を5でわって1と3

①

$$\frac{4}{11} \times \frac{1}{4} \div \frac{2}{3}$$

②

$$\frac{4}{5} \times \frac{2}{15} \div \frac{2}{3}$$

③

$$\frac{2}{9} \div \frac{5}{12} \div \frac{1}{5}$$

④

$$\frac{4}{7} \times \frac{1}{6} \div \frac{9}{14}$$

①

$$\begin{aligned} & \frac{4}{11} \times \frac{1}{4} \div \frac{2}{3} \\ &= \frac{\cancel{4}^1 \times 1 \times 3}{11 \times \cancel{4}_1 \times 2} \\ &= \frac{3}{22} \end{aligned}$$

参考 約分のしかた
4と4を4でわって1と1

②

$$\begin{aligned} & \frac{4}{5} \times \frac{2}{15} \div \frac{2}{3} \\ &= \frac{\cancel{4}^2 \times 2 \times \cancel{3}_1}{5 \times \cancel{15}_5 \times \cancel{2}_1} \\ &= \frac{4}{25} \end{aligned}$$

参考 約分のしかた
4と2を2でわって2と1
3と15を3でわって1と5

③

$$\begin{aligned} & \frac{2}{9} \div \frac{5}{12} \div \frac{1}{5} \\ &= \frac{2 \times \cancel{12}^4 \times \cancel{5}_1}{\cancel{9}_3 \times \cancel{5}_1 \times 1} \\ &= \frac{8}{3} \\ &= 2\frac{2}{3} \end{aligned}$$

参考 約分のしかた
12と9を3でわって4と3
5と5を5でわって1と1

④

$$\begin{aligned} & \frac{4}{7} \times \frac{1}{6} \div \frac{9}{14} \\ &= \frac{\cancel{4}^2 \times 1 \times \cancel{14}^2}{\cancel{7}_1 \times \cancel{6}_3 \times 9} \\ &= \frac{4}{27} \end{aligned}$$

参考 約分のしかた
4と6を2でわって2と3
14と7を7でわって2と1

5

$$\frac{7}{15} \div \frac{8}{15} \times \frac{2}{7}$$

6

$$\frac{2}{11} \times \frac{7}{12} \times \frac{3}{7}$$

7

$$\frac{1}{4} \div \frac{4}{9} \div \frac{9}{14}$$

8

$$\frac{1}{4} \times \frac{2}{15} \div \frac{3}{10}$$

5

$$\begin{aligned} & \frac{7}{15} \div \frac{8}{15} \times \frac{2}{7} \\ &= \frac{\overset{1}{\cancel{7}} \times \overset{1}{\cancel{15}} \times \overset{2}{\cancel{2}}}{\overset{1}{\cancel{15}} \times \underset{4}{\cancel{8}} \times \overset{1}{\cancel{7}}} \\ &= \frac{1}{4} \end{aligned}$$

参考 約分のしかた

7と7を7でわって1と1

15と15を15でわって1と1

2と8を2でわって1と4

6

$$\begin{aligned} & \frac{2}{11} \times \frac{7}{12} \times \frac{3}{7} \\ &= \frac{2 \times \overset{1}{\cancel{7}} \times \overset{3}{\cancel{3}}}{11 \times \underset{4}{\cancel{12}} \times \overset{1}{\cancel{7}}} \\ &= \frac{\overset{1}{\cancel{2}} \times 1 \times 1}{11 \times \underset{2}{\cancel{4}} \times 1} \\ &= \frac{1}{22} \end{aligned}$$

参考 約分のしかた

7と7を7でわって1と1

3と12を3でわって1と4

2と4を2でわって1と2

7

$$\begin{aligned} & \frac{1}{4} \div \frac{4}{9} \div \frac{9}{14} \\ &= \frac{1 \times \overset{1}{\cancel{9}} \times \overset{7}{\cancel{14}}}{\underset{2}{\cancel{4}} \times 4 \times \overset{1}{\cancel{9}}} \\ &= \frac{7}{8} \end{aligned}$$

参考 約分のしかた

9と9を9でわって1と1

14と4を2でわって7と2

8

$$\begin{aligned} & \frac{1}{4} \times \frac{2}{15} \div \frac{3}{10} \\ &= \frac{1 \times 2 \times \overset{5}{\cancel{10}}}{\underset{2}{\cancel{4}} \times 15 \times 3} \\ &= \frac{1 \times \overset{1}{\cancel{2}} \times \overset{1}{\cancel{5}}}{\underset{1}{\cancel{2}} \times \underset{3}{\cancel{15}} \times 3} \\ &= \frac{1}{9} \end{aligned}$$

参考 約分のしかた

10と4を2でわって5と2

2と2を2でわって1と1

5と15を5でわって1と3

9

$$\frac{14}{15} \times \frac{12}{13} \div \frac{2}{13}$$

10

$$\frac{6}{11} \div \frac{4}{5} \div \frac{7}{11}$$

11

$$\frac{5}{9} \div \frac{2}{15} \times \frac{2}{7}$$

12

$$\frac{9}{10} \div \frac{3}{10} \div \frac{7}{8}$$

9

$$\begin{aligned} & \frac{14}{15} \times \frac{12}{13} \div \frac{2}{13} \\ &= \frac{\overset{7}{\cancel{14}} \times \overset{4}{\cancel{12}} \times \overset{1}{\cancel{13}}}{\underset{5}{\cancel{15}} \times \underset{1}{\cancel{13}} \times \underset{1}{\cancel{2}}} \\ &= \frac{28}{5} \\ &= 5\frac{3}{5} \end{aligned}$$

参考 約分のしかた

14と2を2でわって7と1

12と15を3でわって4と5

13と13を13でわって1と1

10

$$\begin{aligned} & \frac{6}{11} \div \frac{4}{5} \div \frac{7}{11} \\ &= \frac{\overset{3}{\cancel{6}} \times 5 \times \overset{1}{\cancel{11}}}{\underset{1}{\cancel{11}} \times \underset{2}{\cancel{4}} \times 7} \\ &= \frac{15}{14} \\ &= 1\frac{1}{14} \end{aligned}$$

参考 約分のしかた

6と4を2でわって3と2

11と11を11でわって1と1

11

$$\begin{aligned} & \frac{5}{9} \div \frac{2}{15} \times \frac{2}{7} \\ &= \frac{5 \times \overset{5}{\cancel{15}} \times \overset{1}{\cancel{2}}}{\underset{3}{\cancel{9}} \times \underset{1}{\cancel{2}} \times 7} \\ &= \frac{25}{21} \\ &= 1\frac{4}{21} \end{aligned}$$

参考 約分のしかた

15と9を3でわって5と3

2と2を2でわって1と1

12

$$\begin{aligned} & \frac{9}{10} \div \frac{3}{10} \div \frac{7}{8} \\ &= \frac{\overset{3}{\cancel{9}} \times \overset{1}{\cancel{10}} \times 8}{\underset{1}{\cancel{10}} \times \underset{1}{\cancel{3}} \times 7} \\ &= \frac{24}{7} \\ &= 3\frac{3}{7} \end{aligned}$$

参考 約分のしかた

9と3を3でわって3と1

10と10を10でわって1と1

13

$$\frac{13}{14} \div \frac{8}{9} \times \frac{12}{13}$$

14

$$\frac{4}{7} \div \frac{2}{15} \times \frac{2}{3}$$

15

$$\frac{11}{13} \div \frac{7}{15} \div \frac{11}{14}$$

16

$$\frac{9}{10} \div \frac{3}{13} \div \frac{3}{5}$$

13

$$\begin{aligned} & \frac{13}{14} \div \frac{8}{9} \times \frac{12}{13} \\ &= \frac{\overset{1}{\cancel{13}} \times 9 \times \overset{3}{\cancel{12}}}{14 \times \underset{2}{\cancel{8}} \times \underset{1}{\cancel{13}}} \\ &= \frac{27}{28} \end{aligned}$$

参考 約分のしかた

13と13を13でわって1と1

12と8を4でわって3と2

14

$$\begin{aligned} & \frac{4}{7} \div \frac{2}{15} \times \frac{2}{3} \\ &= \frac{\overset{2}{\cancel{4}} \times \overset{5}{\cancel{15}} \times 2}{7 \times \underset{1}{\cancel{2}} \times \underset{1}{\cancel{3}}} \\ &= \frac{20}{7} \\ &= 2\frac{6}{7} \end{aligned}$$

参考 約分のしかた

4と2を2でわって2と1

15と3を3でわって5と1

15

$$\begin{aligned} & \frac{11}{13} \div \frac{7}{15} \div \frac{11}{14} \\ &= \frac{\overset{1}{\cancel{11}} \times 15 \times \overset{2}{\cancel{14}}}{13 \times \underset{1}{\cancel{7}} \times \underset{1}{\cancel{11}}} \\ &= \frac{30}{13} \\ &= 2\frac{4}{13} \end{aligned}$$

参考 約分のしかた

11と11を11でわって1と1

14と7を7でわって2と1

16

$$\begin{aligned} & \frac{9}{10} \div \frac{3}{13} \div \frac{3}{5} \\ &= \frac{\overset{3}{\cancel{9}} \times 13 \times \overset{1}{\cancel{5}}}{\underset{2}{\cancel{10}} \times 3 \times \underset{1}{\cancel{3}}} \\ &= \frac{\overset{1}{\cancel{3}} \times 13 \times 1}{2 \times \underset{1}{\cancel{3}} \times 1} \\ &= \frac{13}{2} \\ &= 6\frac{1}{2} \end{aligned}$$

参考 約分のしかた

9と3を3でわって3と1

5と10を5でわって1と2

3と3を3でわって1と1

17

$$\frac{2}{13} \div \frac{3}{5} \div \frac{2}{9}$$

18

$$\frac{6}{13} \div \frac{5}{13} \div \frac{6}{11}$$

19

$$\frac{3}{8} \times \frac{2}{11} \div \frac{6}{11}$$

20

$$\frac{5}{12} \times \frac{7}{8} \div \frac{5}{12}$$

17

$$\begin{aligned} & \frac{2}{13} \div \frac{3}{5} \div \frac{2}{9} \\ &= \frac{\overset{1}{\cancel{2}} \times 5 \times \overset{3}{\cancel{9}}}{13 \times \underset{1}{\cancel{3}} \times \underset{1}{\cancel{2}}} \\ &= \frac{15}{13} \\ &= 1 \frac{2}{13} \end{aligned}$$

参考 約分のしかた

2と2を2でわって1と1

9と3を3でわって3と1

18

$$\begin{aligned} & \frac{6}{13} \div \frac{5}{13} \div \frac{6}{11} \\ &= \frac{\overset{1}{\cancel{6}} \times \overset{1}{\cancel{13}} \times 11}{\underset{1}{\cancel{13}} \times 5 \times \underset{1}{\cancel{6}}} \\ &= \frac{11}{5} \\ &= 2 \frac{1}{5} \end{aligned}$$

参考 約分のしかた

6と6を6でわって1と1

13と13を13でわって1と1

19

$$\begin{aligned} & \frac{3}{8} \times \frac{2}{11} \div \frac{6}{11} \\ &= \frac{\overset{1}{\cancel{3}} \times \overset{2}{\cancel{2}} \times \overset{1}{\cancel{11}}}{\underset{4}{8} \times \underset{1}{\cancel{11}} \times \underset{2}{6}} \\ &= \frac{1}{8} \end{aligned}$$

参考 約分のしかた

3と6を3でわって1と2

2と8を2でわって1と4

11と11を11でわって1と1

20

$$\begin{aligned} & \frac{5}{12} \times \frac{7}{8} \div \frac{5}{12} \\ &= \frac{\overset{1}{\cancel{5}} \times 7 \times \overset{1}{\cancel{12}}}{\underset{1}{\cancel{12}} \times 8 \times \underset{1}{\cancel{5}}} \\ &= \frac{7}{8} \end{aligned}$$

参考 約分のしかた

5と5を5でわって1と1

12と12を12でわって1と1

①

$$\frac{3}{4} \div \frac{11}{15} \div \frac{9}{10}$$

②

$$\frac{10}{11} \div \frac{4}{15} \times \frac{4}{5}$$

③

$$\frac{5}{11} \div \frac{7}{9} \times \frac{7}{10}$$

④

$$\frac{3}{4} \times \frac{3}{14} \div \frac{3}{8}$$

①

$$\begin{aligned} & \frac{3}{4} \div \frac{11}{15} \div \frac{9}{10} \\ &= \frac{3 \times \overset{5}{\cancel{15}} \times \overset{5}{\cancel{10}}}{\underset{2}{\cancel{4}} \times 11 \times \underset{3}{\cancel{9}}} \\ &= \frac{\overset{1}{\cancel{3}} \times 5 \times 5}{2 \times 11 \times \underset{1}{\cancel{3}}} \\ &= \frac{25}{22} \\ &= 1 \frac{3}{22} \end{aligned}$$

参考 約分のしかた

15と9を3でわって5と3

10と4を2でわって5と2

3と3を3でわって1と1

②

$$\begin{aligned} & \frac{10}{11} \div \frac{4}{15} \times \frac{4}{5} \\ &= \frac{\overset{2}{\cancel{10}} \times 15 \times \underset{1}{\cancel{4}}}{11 \times \underset{1}{\cancel{4}} \times \underset{1}{\cancel{5}}} \\ &= \frac{30}{11} \\ &= 2 \frac{8}{11} \end{aligned}$$

参考 約分のしかた

10と5を5でわって2と1

4と4を4でわって1と1

③

$$\begin{aligned} & \frac{5}{11} \div \frac{7}{9} \times \frac{7}{10} \\ &= \frac{\overset{1}{\cancel{5}} \times 9 \times \underset{1}{\cancel{7}}}{11 \times \underset{1}{\cancel{7}} \times \underset{2}{\cancel{10}}} \\ &= \frac{9}{22} \end{aligned}$$

参考 約分のしかた

5と10を5でわって1と2

7と7を7でわって1と1

④

$$\begin{aligned} & \frac{3}{4} \times \frac{3}{14} \div \frac{3}{8} \\ &= \frac{\overset{1}{\cancel{3}} \times 3 \times \overset{4}{\cancel{8}}}{4 \times \underset{7}{\cancel{14}} \times \underset{1}{\cancel{3}}} \\ &= \frac{\underset{1}{\cancel{1}} \times 3 \times \underset{1}{\cancel{4}}}{\underset{1}{\cancel{4}} \times 7 \times 1} \\ &= \frac{3}{7} \end{aligned}$$

参考 約分のしかた

3と3を3でわって1と1

8と14を2でわって4と7

4と4を4でわって1と1

5

$$\frac{1}{4} \div \frac{12}{13} \times \frac{9}{13}$$

6

$$\frac{1}{4} \div \frac{1}{7} \times \frac{5}{7}$$

7

$$\frac{4}{5} \times \frac{4}{9} \div \frac{2}{5}$$

8

$$\frac{4}{11} \div \frac{2}{11} \div \frac{4}{7}$$

5

$$\begin{aligned} & \frac{1}{4} \div \frac{12}{13} \times \frac{9}{13} \\ &= \frac{1 \times \overset{1}{\cancel{13}} \times \overset{3}{\cancel{9}}}{4 \times \underset{4}{\cancel{12}} \times \underset{1}{\cancel{13}}} \\ &= \frac{3}{16} \end{aligned}$$

参考 約分のしかた
13と13を13でわって1と1
9と12を3でわって3と4

6

$$\begin{aligned} & \frac{1}{4} \div \frac{1}{7} \times \frac{5}{7} \\ &= \frac{1 \times \overset{1}{\cancel{7}} \times 5}{4 \times 1 \times \underset{1}{\cancel{7}}} \\ &= \frac{5}{4} \\ &= 1\frac{1}{4} \end{aligned}$$

参考 約分のしかた
7と7を7でわって1と1

7

$$\begin{aligned} & \frac{4}{5} \times \frac{4}{9} \div \frac{2}{5} \\ &= \frac{\overset{2}{\cancel{4}} \times 4 \times \overset{1}{\cancel{5}}}{\underset{1}{\cancel{5}} \times 9 \times \underset{1}{\cancel{2}}} \\ &= \frac{8}{9} \end{aligned}$$

参考 約分のしかた
4と2を2でわって2と1
5と5を5でわって1と1

8

$$\begin{aligned} & \frac{4}{11} \div \frac{2}{11} \div \frac{4}{7} \\ &= \frac{\overset{1}{\cancel{4}} \times \overset{1}{\cancel{11}} \times 7}{\underset{1}{\cancel{11}} \times 2 \times \underset{1}{\cancel{4}}} \\ &= \frac{7}{2} \\ &= 3\frac{1}{2} \end{aligned}$$

参考 約分のしかた
4と4を4でわって1と1
11と11を11でわって1と1

9

$$\frac{2}{7} \times \frac{1}{7} \div \frac{4}{7}$$

10

$$\frac{8}{9} \times \frac{2}{9} \div \frac{2}{3}$$

11

$$\frac{7}{8} \times \frac{1}{4} \div \frac{7}{10}$$

12

$$\frac{1}{5} \div \frac{13}{15} \div \frac{1}{3}$$

9

$$\begin{aligned} & \frac{2}{7} \times \frac{1}{7} \div \frac{4}{7} \\ &= \frac{\overset{1}{\cancel{2}} \times 1 \times \overset{1}{\cancel{7}}}{\underset{1}{\cancel{7}} \times 7 \times \underset{2}{\cancel{4}}} \\ &= \frac{1}{14} \end{aligned}$$

参考 約分のしかた
2と4を2でわって1と2
7と7を7でわって1と1

10

$$\begin{aligned} & \frac{8}{9} \times \frac{2}{9} \div \frac{2}{3} \\ &= \frac{\overset{4}{\cancel{8}} \times 2 \times \overset{1}{\cancel{3}}}{\underset{3}{\cancel{9}} \times 9 \times \underset{1}{\cancel{2}}} \\ &= \frac{8}{27} \end{aligned}$$

参考 約分のしかた
8と2を2でわって4と1
3と9を3でわって1と3

11

$$\begin{aligned} & \frac{7}{8} \times \frac{1}{4} \div \frac{7}{10} \\ &= \frac{\overset{1}{\cancel{7}} \times 1 \times \overset{5}{\cancel{10}}}{\underset{4}{\cancel{8}} \times 4 \times \underset{1}{\cancel{7}}} \\ &= \frac{5}{16} \end{aligned}$$

参考 約分のしかた
7と7を7でわって1と1
10と8を2でわって5と4

12

$$\begin{aligned} & \frac{1}{5} \div \frac{13}{15} \div \frac{1}{3} \\ &= \frac{1 \times \overset{3}{\cancel{15}} \times 3}{\underset{1}{\cancel{5}} \times 13 \times 1} \\ &= \frac{9}{13} \end{aligned}$$

参考 約分のしかた
15と5を5でわって3と1

13

$$\frac{1}{7} \div \frac{5}{13} \div \frac{3}{10}$$

14

$$\frac{10}{13} \div \frac{5}{11} \times \frac{9}{11}$$

15

$$\frac{5}{12} \div \frac{2}{3} \times \frac{8}{9}$$

16

$$\frac{7}{15} \div \frac{1}{5} \times \frac{13}{14}$$

13

$$\begin{aligned} & \frac{1}{7} \div \frac{5}{13} \div \frac{3}{10} \\ &= \frac{1 \times 13 \times \overset{2}{\cancel{10}}}{7 \times \underset{1}{\cancel{5}} \times 3} \\ &= \frac{26}{21} \\ &= 1 \frac{5}{21} \end{aligned}$$

参考 約分のしかた

10と5を5でわって2と1

14

$$\begin{aligned} & \frac{10}{13} \div \frac{5}{11} \times \frac{9}{11} \\ &= \frac{\overset{2}{\cancel{10}} \times \overset{1}{\cancel{11}} \times 9}{13 \times \underset{1}{\cancel{5}} \times \underset{1}{\cancel{11}}} \\ &= \frac{18}{13} \\ &= 1 \frac{5}{13} \end{aligned}$$

参考 約分のしかた

10と5を5でわって2と1

11と11を11でわって1と1

15

$$\begin{aligned} & \frac{5}{12} \div \frac{2}{3} \times \frac{8}{9} \\ &= \frac{5 \times 3 \times \overset{2}{\cancel{8}}}{\underset{3}{\cancel{12}} \times 2 \times 9} \\ &= \frac{5 \times \overset{1}{\cancel{3}} \times \overset{1}{\cancel{2}}}{\underset{1}{\cancel{3}} \times \underset{1}{\cancel{2}} \times 9} \\ &= \frac{5}{9} \end{aligned}$$

参考 約分のしかた

8と12を4でわって2と3

3と3を3でわって1と1

2と2を2でわって1と1

16

$$\begin{aligned} & \frac{7}{15} \div \frac{1}{5} \times \frac{13}{14} \\ &= \frac{\overset{1}{\cancel{7}} \times \overset{1}{\cancel{5}} \times 13}{\underset{3}{\cancel{15}} \times 1 \times \underset{2}{\cancel{14}}} \\ &= \frac{13}{6} \\ &= 2 \frac{1}{6} \end{aligned}$$

参考 約分のしかた

7と14を7でわって1と2

5と15を5でわって1と3

17

$$\frac{1}{7} \div \frac{3}{14} \div \frac{8}{9}$$

18

$$\frac{11}{14} \times \frac{7}{11} \div \frac{11}{15}$$

19

$$\frac{4}{9} \times \frac{4}{11} \div \frac{4}{11}$$

20

$$\frac{9}{10} \times \frac{5}{9} \times \frac{7}{15}$$

17

$$\begin{aligned} & \frac{1}{7} \div \frac{3}{14} \div \frac{8}{9} \\ &= \frac{1 \times \overset{2}{\cancel{14}} \times \overset{3}{\cancel{9}}}{\underset{1}{\cancel{7}} \times \underset{1}{\cancel{3}} \times 8} \\ &= \frac{1 \times \overset{1}{\cancel{2}} \times 3}{1 \times 1 \times \underset{4}{\cancel{8}}} \\ &= \frac{3}{4} \end{aligned}$$

参考 約分のしかた

14と7を7でわって2と1

9と3を3でわって3と1

2と8を2でわって1と4

18

$$\begin{aligned} & \frac{11}{14} \times \frac{7}{11} \div \frac{11}{15} \\ &= \frac{\overset{1}{\cancel{11}} \times \overset{1}{\cancel{7}} \times 15}{\underset{2}{\cancel{14}} \times \underset{1}{\cancel{11}} \times \underset{1}{\cancel{11}}} \\ &= \frac{15}{22} \end{aligned}$$

参考 約分のしかた

11と11を11でわって1と1

7と14を7でわって1と2

19

$$\begin{aligned} & \frac{4}{9} \times \frac{4}{11} \div \frac{4}{11} \\ &= \frac{\overset{1}{\cancel{4}} \times 4 \times \overset{1}{\cancel{11}}}{9 \times \underset{1}{\cancel{11}} \times \underset{1}{\cancel{4}}} \\ &= \frac{4}{9} \end{aligned}$$

参考 約分のしかた

4と4を4でわって1と1

11と11を11でわって1と1

20

$$\begin{aligned} & \frac{9}{10} \times \frac{5}{9} \times \frac{7}{15} \\ &= \frac{\overset{1}{\cancel{9}} \times \overset{1}{\cancel{5}} \times 7}{\underset{2}{\cancel{10}} \times \underset{1}{\cancel{9}} \times \underset{3}{\cancel{15}}} \\ &= \frac{7}{30} \end{aligned}$$

参考 約分のしかた

9と9を9でわって1と1

5と10を5でわって1と2

①

$$\frac{11}{15} \times \frac{1}{4} \div \frac{7}{15}$$

②

$$\frac{5}{12} \times \frac{3}{5} \div \frac{5}{11}$$

③

$$\frac{2}{3} \div \frac{10}{11} \div \frac{11}{12}$$

④

$$\frac{3}{4} \div \frac{5}{12} \div \frac{3}{7}$$

①

$$\begin{aligned} & \frac{11}{15} \times \frac{1}{4} \div \frac{7}{15} \\ &= \frac{11 \times 1 \times \cancel{15}}{\cancel{15} \times 4 \times 7} \\ &= \frac{11}{28} \end{aligned}$$

参考 約分のしかた
15と15を15でわって1と1

②

$$\begin{aligned} & \frac{5}{12} \times \frac{3}{5} \div \frac{5}{11} \\ &= \frac{\cancel{5} \times \cancel{3} \times 11}{12 \times \cancel{5} \times 5} \\ &= \frac{11}{20} \end{aligned}$$

参考 約分のしかた
5と5を5でわって1と1
3と12を3でわって1と4

③

$$\begin{aligned} & \frac{2}{3} \div \frac{10}{11} \div \frac{11}{12} \\ &= \frac{\cancel{2} \times \cancel{11} \times \cancel{12}^4}{\cancel{3} \times \cancel{10}_5 \times \cancel{11}} \\ &= \frac{4}{5} \end{aligned}$$

参考 約分のしかた
2と10を2でわって1と5
11と11を11でわって1と1
12と3を3でわって4と1

④

$$\begin{aligned} & \frac{3}{4} \div \frac{5}{12} \div \frac{3}{7} \\ &= \frac{\cancel{3} \times \cancel{12}^3 \times 7}{\cancel{4} \times 5 \times \cancel{3}} \\ &= \frac{21}{5} \\ &= 4\frac{1}{5} \end{aligned}$$

参考 約分のしかた
3と3を3でわって1と1
12と4を4でわって3と1

5

$$\frac{1}{3} \div \frac{7}{12} \times \frac{7}{8}$$

6

$$\frac{5}{8} \div \frac{3}{13} \times \frac{12}{13}$$

7

$$\frac{13}{14} \times \frac{4}{13} \div \frac{4}{13}$$

8

$$\frac{2}{3} \div \frac{5}{9} \div \frac{1}{5}$$

5

$$\begin{aligned} & \frac{1}{3} \div \frac{7}{12} \times \frac{7}{8} \\ &= \frac{1 \times \overset{4}{\cancel{12}} \times \overset{1}{\cancel{7}}}{\underset{1}{\cancel{3}} \times \underset{1}{\cancel{7}} \times 8} \\ &= \frac{1 \times \overset{1}{\cancel{4}} \times 1}{1 \times 1 \times \underset{2}{\cancel{8}}} \\ &= \frac{1}{2} \end{aligned}$$

参考 約分のしかた

12と3を3でわって4と1

7と7を7でわって1と1

4と8を4でわって1と2

6

$$\begin{aligned} & \frac{5}{8} \div \frac{3}{13} \times \frac{12}{13} \\ &= \frac{5 \times \overset{1}{\cancel{13}} \times \overset{4}{\cancel{12}}}{8 \times \underset{1}{\cancel{3}} \times \underset{1}{\cancel{13}}} \\ &= \frac{5 \times 1 \times \overset{4}{\cancel{4}}}{\underset{2}{\cancel{8}} \times 1 \times 1} \\ &= \frac{5}{2} \\ &= 2\frac{1}{2} \end{aligned}$$

参考 約分のしかた

13と13を13でわって1と1

12と3を3でわって4と1

4と8を4でわって1と2

7

$$\begin{aligned} & \frac{13}{14} \times \frac{4}{13} \div \frac{4}{13} \\ &= \frac{\overset{1}{\cancel{13}} \times \overset{1}{\cancel{4}} \times 13}{14 \times \underset{1}{\cancel{13}} \times \underset{1}{\cancel{4}}} \\ &= \frac{13}{14} \end{aligned}$$

参考 約分のしかた

13と13を13でわって1と1

4と4を4でわって1と1

8

$$\begin{aligned} & \frac{2}{3} \div \frac{5}{9} \div \frac{1}{5} \\ &= \frac{2 \times \overset{3}{\cancel{9}} \times \overset{1}{\cancel{5}}}{\underset{1}{\cancel{3}} \times \underset{1}{\cancel{5}} \times 1} \\ &= \frac{6}{1} \\ &= 6 \end{aligned}$$

参考 約分のしかた

9と3を3でわって3と1

5と5を5でわって1と1

9

$$\frac{3}{5} \div \frac{3}{5} \times \frac{14}{15}$$

10

$$\frac{14}{15} \times \frac{2}{11} \div \frac{4}{15}$$

11

$$\frac{9}{10} \div \frac{4}{5} \div \frac{9}{10}$$

12

$$\frac{1}{7} \div \frac{1}{5} \times \frac{2}{3}$$

9

$$\begin{aligned} & \frac{3}{5} \div \frac{3}{5} \times \frac{14}{15} \\ & = \frac{\overset{|}{\cancel{3}} \times \overset{|}{\cancel{5}} \times 14}{\underset{|}{5} \times \underset{|}{\cancel{3}} \times 15} \\ & = \frac{14}{15} \end{aligned}$$

参考 約分のしかた

3と3を3でわって1と1

5と5を5でわって1と1

10

$$\begin{aligned} & \frac{14}{15} \times \frac{2}{11} \div \frac{4}{15} \\ & = \frac{14 \times \overset{|}{\cancel{2}} \times \overset{|}{\cancel{15}}}{\underset{|}{\cancel{15}} \times 11 \times \underset{2}{\cancel{4}}} \\ & = \frac{\overset{7}{\cancel{14}} \times 1 \times 1}{1 \times 11 \times \underset{1}{\cancel{2}}} \\ & = \frac{7}{11} \end{aligned}$$

参考 約分のしかた

2と4を2でわって1と2

15と15を15でわって1と1

14と2を2でわって7と1

11

$$\begin{aligned} & \frac{9}{10} \div \frac{4}{5} \div \frac{9}{10} \\ & = \frac{\overset{|}{\cancel{9}} \times 5 \times \overset{|}{\cancel{10}}}{\underset{|}{10} \times 4 \times \underset{|}{\cancel{9}}} \\ & = \frac{5}{4} \\ & = 1 \frac{1}{4} \end{aligned}$$

参考 約分のしかた

9と9を9でわって1と1

10と10を10でわって1と1

12

$$\begin{aligned} & \frac{1}{7} \div \frac{1}{5} \times \frac{2}{3} \\ & = \frac{1 \times 5 \times 2}{7 \times 1 \times 3} \\ & = \frac{10}{21} \end{aligned}$$

13

$$\frac{10}{11} \div \frac{10}{11} \times \frac{11}{14}$$

14

$$\frac{2}{13} \div \frac{6}{13} \div \frac{4}{15}$$

15

$$\frac{5}{11} \div \frac{1}{6} \times \frac{2}{5}$$

16

$$\frac{10}{13} \div \frac{5}{13} \times \frac{2}{5}$$

13

$$\begin{aligned} & \frac{10}{11} \div \frac{10}{11} \times \frac{11}{14} \\ &= \frac{\cancel{10} \times \cancel{11} \times 11}{\cancel{11} \times \cancel{10} \times 14} \\ &= \frac{11}{14} \end{aligned}$$

参考 約分のしかた

10と10を10でわって1と1

11と11を11でわって1と1

14

$$\begin{aligned} & \frac{2}{13} \div \frac{6}{13} \div \frac{4}{15} \\ &= \frac{\cancel{2} \times \cancel{13} \times \overset{5}{15}}{\cancel{13} \times \underset{2}{6} \times \underset{2}{4}} \\ &= \frac{5}{4} \\ &= 1\frac{1}{4} \end{aligned}$$

参考 約分のしかた

2と4を2でわって1と2

13と13を13でわって1と1

15と6を3でわって5と2

15

$$\begin{aligned} & \frac{5}{11} \div \frac{1}{6} \times \frac{2}{5} \\ &= \frac{\cancel{5} \times 6 \times 2}{11 \times 1 \times \cancel{5}} \\ &= \frac{12}{11} \\ &= 1\frac{1}{11} \end{aligned}$$

参考 約分のしかた

5と5を5でわって1と1

16

$$\begin{aligned} & \frac{10}{13} \div \frac{5}{13} \times \frac{2}{5} \\ &= \frac{\cancel{10} \times \cancel{13} \times 2}{\cancel{13} \times \cancel{5} \times 5} \\ &= \frac{4}{5} \end{aligned}$$

参考 約分のしかた

10と5を5でわって2と1

13と13を13でわって1と1

17

$$\frac{5}{6} \div \frac{3}{11} \times \frac{9}{10}$$

18

$$\frac{3}{13} \div \frac{4}{15} \div \frac{5}{8}$$

19

$$\frac{1}{6} \times \frac{4}{5} \div \frac{4}{5}$$

20

$$\frac{2}{11} \times \frac{9}{13} \div \frac{9}{11}$$

17

$$\begin{aligned} & \frac{5}{6} \div \frac{3}{11} \times \frac{9}{10} \\ &= \frac{\overset{1}{\cancel{5}} \times 11 \times \overset{3}{\cancel{9}}}{6 \times \underset{1}{\cancel{3}} \times \underset{2}{\cancel{10}}} \\ &= \frac{1 \times 11 \times \overset{1}{\cancel{3}}}{\underset{2}{\cancel{6}} \times 1 \times 2} \\ &= \frac{11}{4} \\ &= 2\frac{3}{4} \end{aligned}$$

参考 約分のしかた

5と10を5でわって1と2

9と3を3でわって3と1

3と6を3でわって1と2

18

$$\begin{aligned} & \frac{3}{13} \div \frac{4}{15} \div \frac{5}{8} \\ &= \frac{3 \times \overset{3}{\cancel{15}} \times \overset{2}{\cancel{8}}}{13 \times \underset{1}{\cancel{4}} \times \underset{1}{\cancel{5}}} \\ &= \frac{18}{13} \\ &= 1\frac{5}{13} \end{aligned}$$

参考 約分のしかた

15と5を5でわって3と1

8と4を4でわって2と1

19

$$\begin{aligned} & \frac{1}{6} \times \frac{4}{5} \div \frac{4}{5} \\ &= \frac{1 \times \underset{1}{\cancel{4}} \times \overset{1}{\cancel{5}}}{6 \times \underset{1}{\cancel{5}} \times \underset{1}{\cancel{4}}} \\ &= \frac{1}{6} \end{aligned}$$

参考 約分のしかた

4と4を4でわって1と1

5と5を5でわって1と1

20

$$\begin{aligned} & \frac{2}{11} \times \frac{9}{13} \div \frac{9}{11} \\ &= \frac{2 \times \overset{1}{\cancel{9}} \times \overset{1}{\cancel{11}}}{\underset{1}{\cancel{11}} \times 13 \times \underset{1}{\cancel{9}}} \\ &= \frac{2}{13} \end{aligned}$$

参考 約分のしかた

9と9を9でわって1と1

11と11を11でわって1と1

①

$$\frac{1}{6} \times \frac{11}{12} \div \frac{5}{12}$$

②

$$\frac{1}{4} \times \frac{5}{7} \times \frac{8}{15}$$

③

$$\frac{7}{15} \times \frac{7}{8} \div \frac{14}{15}$$

④

$$\frac{3}{7} \div \frac{3}{10} \div \frac{4}{5}$$

①

$$\begin{aligned} & \frac{1}{6} \times \frac{11}{12} \div \frac{5}{12} \\ & = \frac{1 \times 11 \times \cancel{12}}{6 \times \cancel{12} \times 5} \\ & = \frac{11}{30} \end{aligned}$$

参考 約分のしかた
12と12を12でわって1と1

②

$$\begin{aligned} & \frac{1}{4} \times \frac{5}{7} \times \frac{8}{15} \\ & = \frac{1 \times \cancel{5} \times \cancel{8}^2}{\cancel{4}_1 \times 7 \times \cancel{15}_3} \\ & = \frac{2}{21} \end{aligned}$$

参考 約分のしかた
5と15を5でわって1と3
8と4を4でわって2と1

③

$$\begin{aligned} & \frac{7}{15} \times \frac{7}{8} \div \frac{14}{15} \\ & = \frac{\cancel{7}_1 \times 7 \times \cancel{15}}{\cancel{15}_1 \times 8 \times \cancel{14}_2} \\ & = \frac{7}{16} \end{aligned}$$

参考 約分のしかた
7と14を7でわって1と2
15と15を15でわって1と1

④

$$\begin{aligned} & \frac{3}{7} \div \frac{3}{10} \div \frac{4}{5} \\ & = \frac{\cancel{3}_1 \times \cancel{10}^5 \times 5}{7 \times \cancel{3}_1 \times \cancel{4}_2} \\ & = \frac{25}{14} \\ & = 1 \frac{11}{14} \end{aligned}$$

参考 約分のしかた
3と3を3でわって1と1
10と4を2でわって5と2

5

$$\frac{7}{8} \div \frac{1}{3} \times \frac{5}{14}$$

6

$$\frac{3}{11} \times \frac{8}{15} \div \frac{2}{5}$$

7

$$\frac{9}{14} \times \frac{8}{13} \div \frac{2}{7}$$

8

$$\frac{11}{13} \div \frac{2}{13} \times \frac{1}{4}$$

5

$$\begin{aligned} & \frac{7}{8} \div \frac{1}{3} \times \frac{5}{14} \\ &= \frac{\overset{1}{\cancel{7}} \times 3 \times 5}{8 \times \overset{1}{\cancel{1}} \times \overset{2}{\cancel{14}}} \\ &= \frac{15}{16} \end{aligned}$$

参考 約分のしかた
7と14を7でわって1と2

6

$$\begin{aligned} & \frac{3}{11} \times \frac{8}{15} \div \frac{2}{5} \\ &= \frac{3 \times \overset{4}{\cancel{8}} \times \overset{1}{\cancel{5}}}{11 \times \overset{3}{\cancel{15}} \times \overset{1}{\cancel{2}}} \\ &= \frac{\overset{1}{\cancel{3}} \times 4 \times 1}{11 \times \overset{1}{\cancel{3}} \times 1} \\ &= \frac{4}{11} \end{aligned}$$

参考 約分のしかた
8と2を2でわって4と1
5と15を5でわって1と3
3と3を3でわって1と1

7

$$\begin{aligned} & \frac{9}{14} \times \frac{8}{13} \div \frac{2}{7} \\ &= \frac{9 \times \overset{4}{\cancel{8}} \times 7}{\overset{7}{\cancel{14}} \times 13 \times 2} \\ &= \frac{9 \times \overset{2}{\cancel{4}} \times \overset{1}{\cancel{7}}}{\overset{1}{\cancel{7}} \times 13 \times \overset{1}{\cancel{2}}} \\ &= \frac{18}{13} \\ &= 1 \frac{5}{13} \end{aligned}$$

参考 約分のしかた
8と14を2でわって4と7
4と2を2でわって2と1
7と7を7でわって1と1

8

$$\begin{aligned} & \frac{11}{13} \div \frac{2}{13} \times \frac{1}{4} \\ &= \frac{11 \times \overset{1}{\cancel{13}} \times 1}{\overset{1}{\cancel{13}} \times 2 \times 4} \\ &= \frac{11}{8} \\ &= 1 \frac{3}{8} \end{aligned}$$

参考 約分のしかた
13と13を13でわって1と1

9

$$\frac{2}{7} \div \frac{10}{11} \div \frac{3}{7}$$

10

$$\frac{4}{15} \div \frac{2}{15} \div \frac{4}{15}$$

11

$$\frac{3}{14} \times \frac{5}{9} \div \frac{1}{7}$$

12

$$\frac{5}{12} \div \frac{2}{9} \div \frac{3}{8}$$

9

$$\begin{aligned} & \frac{2}{7} \div \frac{10}{11} \div \frac{3}{7} \\ &= \frac{\overset{1}{\cancel{2}} \times 11 \times \overset{1}{\cancel{7}}}{\overset{1}{\cancel{7}} \times \overset{5}{\cancel{10}} \times 3} \\ &= \frac{11}{15} \end{aligned}$$

参考 約分のしかた
2と10を2でわって1と5
7と7を7でわって1と1

10

$$\begin{aligned} & \frac{4}{15} \div \frac{2}{15} \div \frac{4}{15} \\ &= \frac{\overset{1}{\cancel{4}} \times \overset{1}{\cancel{15}} \times 15}{\overset{1}{\cancel{15}} \times 2 \times \overset{1}{\cancel{4}}} \\ &= \frac{15}{2} \\ &= 7\frac{1}{2} \end{aligned}$$

参考 約分のしかた
4と4を4でわって1と1
15と15を15でわって1と1

11

$$\begin{aligned} & \frac{3}{14} \times \frac{5}{9} \div \frac{1}{7} \\ &= \frac{\overset{1}{\cancel{3}} \times 5 \times \overset{1}{\cancel{7}}}{\overset{2}{\cancel{14}} \times \overset{3}{\cancel{9}} \times 1} \\ &= \frac{5}{6} \end{aligned}$$

参考 約分のしかた
3と9を3でわって1と3
7と14を7でわって1と2

12

$$\begin{aligned} & \frac{5}{12} \div \frac{2}{9} \div \frac{3}{8} \\ &= \frac{5 \times \overset{3}{\cancel{9}} \times \overset{4}{\cancel{8}}}{\overset{4}{\cancel{12}} \times 2 \times 3} \\ &= \frac{5 \times \overset{1}{\cancel{3}} \times \overset{1}{\cancel{4}}}{\overset{1}{\cancel{4}} \times 1 \times 3} \\ &= \frac{5}{1} \\ &= 5 \end{aligned}$$

参考 約分のしかた
9と12を3でわって3と4
8と2を2でわって4と1
3と3を3でわって1と1
4と4を4でわって1と1

13

$$\frac{4}{7} \times \frac{3}{7} \div \frac{6}{7}$$

14

$$\frac{6}{11} \times \frac{3}{13} \div \frac{3}{13}$$

15

$$\frac{11}{12} \times \frac{4}{11} \div \frac{2}{11}$$

16

$$\frac{13}{15} \times \frac{10}{13} \times \frac{2}{7}$$

13

$$\begin{aligned} & \frac{4}{7} \times \frac{3}{7} \div \frac{6}{7} \\ &= \frac{4 \times \overset{1}{\cancel{3}} \times \overset{1}{\cancel{7}}}{\overset{1}{\cancel{7}} \times 7 \times \overset{2}{\cancel{6}}} \\ &= \frac{\overset{2}{\cancel{4}} \times 1 \times 1}{1 \times 7 \times \overset{1}{\cancel{2}}} \\ &= \frac{2}{7} \end{aligned}$$

参考 約分のしかた

3と6を3でわって1と2

7と7を7でわって1と1

4と2を2でわって2と1

14

$$\begin{aligned} & \frac{6}{11} \times \frac{3}{13} \div \frac{3}{13} \\ &= \frac{\overset{2}{\cancel{6}} \times 3 \times \overset{1}{\cancel{13}}}{11 \times \overset{1}{\cancel{13}} \times \overset{1}{\cancel{3}}} \\ &= \frac{6}{11} \end{aligned}$$

参考 約分のしかた

6と3を3でわって2と1

13と13を13でわって1と1

15

$$\begin{aligned} & \frac{11}{12} \times \frac{4}{11} \div \frac{2}{11} \\ &= \frac{\overset{1}{\cancel{11}} \times \overset{1}{\cancel{4}} \times 11}{\overset{1}{\cancel{12}} \times \overset{1}{\cancel{11}} \times 2} \\ &= \frac{11}{\overset{3}{6}} \\ &= 1\frac{5}{6} \end{aligned}$$

参考 約分のしかた

11と11を11でわって1と1

4と12を4でわって1と3

16

$$\begin{aligned} & \frac{13}{15} \times \frac{10}{13} \times \frac{2}{7} \\ &= \frac{\overset{1}{\cancel{13}} \times \overset{2}{\cancel{10}} \times 2}{\overset{3}{15} \times \overset{1}{\cancel{13}} \times 7} \\ &= \frac{4}{21} \end{aligned}$$

参考 約分のしかた

13と13を13でわって1と1

10と15を5でわって2と3

17

$$\frac{13}{15} \times \frac{7}{13} \div \frac{4}{15}$$

18

$$\frac{1}{7} \div \frac{1}{7} \div \frac{7}{10}$$

19

$$\frac{1}{5} \div \frac{2}{5} \div \frac{2}{11}$$

20

$$\frac{3}{14} \div \frac{9}{14} \div \frac{4}{7}$$

17

$$\begin{aligned} & \frac{13}{15} \times \frac{7}{13} \div \frac{4}{15} \\ &= \frac{\overset{|}{\cancel{13}} \times 7 \times \overset{|}{\cancel{15}}}{\underset{|}{\cancel{15}} \times \underset{|}{\cancel{13}} \times 4} \\ &= \frac{7}{4} \\ &= 1\frac{3}{4} \end{aligned}$$

参考 約分のしかた

13と13を13でわって1と1

15と15を15でわって1と1

18

$$\begin{aligned} & \frac{1}{7} \div \frac{1}{7} \div \frac{7}{10} \\ &= \frac{1 \times \overset{|}{\cancel{7}} \times 10}{\underset{|}{\cancel{7}} \times 1 \times 7} \\ &= \frac{10}{7} \\ &= 1\frac{3}{7} \end{aligned}$$

参考 約分のしかた

7と7を7でわって1と1

19

$$\begin{aligned} & \frac{1}{5} \div \frac{2}{5} \div \frac{2}{11} \\ &= \frac{1 \times \overset{|}{\cancel{5}} \times 11}{\underset{|}{\cancel{5}} \times 2 \times 2} \\ &= \frac{11}{4} \\ &= 2\frac{3}{4} \end{aligned}$$

参考 約分のしかた

5と5を5でわって1と1

20

$$\begin{aligned} & \frac{3}{14} \div \frac{9}{14} \div \frac{4}{7} \\ &= \frac{\overset{|}{\cancel{3}} \times \overset{|}{\cancel{14}} \times 7}{\underset{|}{\cancel{14}} \times \overset{|}{\cancel{9}} \times 4} \\ &= \frac{7}{12} \end{aligned}$$

参考 約分のしかた

3と9を3でわって1と3

14と14を14でわって1と1

①

$$\frac{9}{14} \div \frac{6}{7} \times \frac{2}{9}$$

②

$$\frac{7}{10} \div \frac{6}{13} \times \frac{4}{7}$$

③

$$\frac{14}{15} \div \frac{1}{2} \times \frac{3}{14}$$

④

$$\frac{3}{8} \div \frac{8}{13} \times \frac{12}{13}$$

①

$$\begin{aligned} & \frac{9}{14} \div \frac{6}{7} \times \frac{2}{9} \\ &= \frac{\overset{1}{\cancel{9}} \times \overset{1}{\cancel{7}} \times \overset{1}{\cancel{2}}}{\underset{2}{\cancel{14}} \times \underset{3}{\cancel{6}} \times \underset{1}{\cancel{9}}} \\ &= \frac{1}{6} \end{aligned}$$

参考 約分のしかた

9と9を9でわって1と1
7と14を7でわって1と2
2と6を2でわって1と3

②

$$\begin{aligned} & \frac{7}{10} \div \frac{6}{13} \times \frac{4}{7} \\ &= \frac{\overset{1}{\cancel{7}} \times \overset{1}{13} \times \overset{2}{\cancel{4}}}{\underset{3}{\cancel{10}} \times \underset{3}{\cancel{6}} \times \underset{1}{\cancel{7}}} \\ &= \frac{\overset{1}{1} \times \overset{1}{13} \times \overset{1}{\cancel{2}}}{\underset{5}{\cancel{10}} \times \underset{1}{3} \times \underset{1}{1}} \\ &= \frac{13}{15} \end{aligned}$$

参考 約分のしかた

7と7を7でわって1と1
4と6を2でわって2と3
2と10を2でわって1と5

③

$$\begin{aligned} & \frac{14}{15} \div \frac{1}{2} \times \frac{3}{14} \\ &= \frac{\overset{1}{\cancel{14}} \times \overset{1}{2} \times \overset{1}{\cancel{3}}}{\underset{5}{\cancel{15}} \times \underset{1}{1} \times \underset{1}{\cancel{14}}} \\ &= \frac{2}{5} \end{aligned}$$

参考 約分のしかた

14と14を14でわって1と1
3と15を3でわって1と5

④

$$\begin{aligned} & \frac{3}{8} \div \frac{8}{13} \times \frac{12}{13} \\ &= \frac{\overset{1}{3} \times \overset{1}{\cancel{13}} \times \overset{3}{\cancel{12}}}{\underset{2}{\cancel{8}} \times \underset{1}{8} \times \underset{1}{\cancel{13}}} \\ &= \frac{9}{16} \end{aligned}$$

参考 約分のしかた

13と13を13でわって1と1
12と8を4でわって3と2

5

$$\frac{1}{4} \div \frac{3}{5} \div \frac{5}{13}$$

6

$$\frac{7}{8} \div \frac{7}{10} \div \frac{7}{12}$$

7

$$\frac{11}{14} \times \frac{8}{11} \div \frac{1}{5}$$

8

$$\frac{3}{4} \times \frac{1}{3} \div \frac{2}{7}$$

5

$$\begin{aligned} & \frac{1}{4} \div \frac{3}{5} \div \frac{5}{13} \\ &= \frac{1 \times \overset{1}{\cancel{5}} \times 13}{4 \times 3 \times \underset{1}{\cancel{5}}} \\ &= \frac{13}{12} \\ &= 1 \frac{1}{12} \end{aligned}$$

参考 約分のしかた

5と5を5でわって1と1

6

$$\begin{aligned} & \frac{7}{8} \div \frac{7}{10} \div \frac{7}{12} \\ &= \frac{\overset{1}{\cancel{7}} \times 10 \times \overset{3}{\cancel{12}}}{\underset{2}{8} \times \underset{1}{\cancel{7}} \times 7} \\ &= \frac{1 \times \overset{5}{\cancel{10}} \times 3}{\underset{1}{8} \times 1 \times 7} \\ &= \frac{15}{7} \\ &= 2 \frac{1}{7} \end{aligned}$$

参考 約分のしかた

7と7を7でわって1と1

12と8を4でわって3と2

10と2を2でわって5と1

7

$$\begin{aligned} & \frac{11}{14} \times \frac{8}{11} \div \frac{1}{5} \\ &= \frac{\overset{1}{\cancel{11}} \times \overset{4}{\cancel{8}} \times 5}{\underset{7}{14} \times \underset{1}{\cancel{11}} \times 1} \\ &= \frac{20}{7} \\ &= 2 \frac{6}{7} \end{aligned}$$

参考 約分のしかた

11と11を11でわって1と1

8と14を2でわって4と7

8

$$\begin{aligned} & \frac{3}{4} \times \frac{1}{3} \div \frac{2}{7} \\ &= \frac{\overset{1}{\cancel{3}} \times 1 \times 7}{4 \times \underset{1}{\cancel{3}} \times 2} \\ &= \frac{7}{8} \end{aligned}$$

参考 約分のしかた

3と3を3でわって1と1

9

$$\frac{5}{9} \times \frac{9}{13} \times \frac{13}{14}$$

10

$$\frac{11}{15} \div \frac{4}{7} \div \frac{7}{15}$$

11

$$\frac{3}{14} \div \frac{5}{14} \times \frac{5}{14}$$

12

$$\frac{4}{11} \div \frac{7}{11} \div \frac{1}{2}$$

9

$$\begin{aligned} & \frac{5}{9} \times \frac{9}{13} \times \frac{13}{14} \\ &= \frac{5 \times \cancel{9} \times \cancel{13}}{\cancel{9} \times \cancel{13} \times 14} \\ &= \frac{5}{14} \end{aligned}$$

参考 約分のしかた
9と9を9でわって1と1
13と13を13でわって1と1

10

$$\begin{aligned} & \frac{11}{15} \div \frac{4}{7} \div \frac{7}{15} \\ &= \frac{11 \times \cancel{7} \times \cancel{15}}{\cancel{15} \times 4 \times \cancel{7}} \\ &= \frac{11}{4} \\ &= 2\frac{3}{4} \end{aligned}$$

参考 約分のしかた
7と7を7でわって1と1
15と15を15でわって1と1

11

$$\begin{aligned} & \frac{3}{14} \div \frac{5}{14} \times \frac{5}{14} \\ &= \frac{3 \times \cancel{14} \times \cancel{5}}{\cancel{14} \times \cancel{5} \times 14} \\ &= \frac{3}{14} \end{aligned}$$

参考 約分のしかた
14と14を14でわって1と1
5と5を5でわって1と1

12

$$\begin{aligned} & \frac{4}{11} \div \frac{7}{11} \div \frac{1}{2} \\ &= \frac{4 \times \cancel{11} \times 2}{\cancel{11} \times 7 \times 1} \\ &= \frac{8}{7} \\ &= 1\frac{1}{7} \end{aligned}$$

参考 約分のしかた
11と11を11でわって1と1

13

$$\frac{8}{13} \div \frac{5}{7} \times \frac{5}{7}$$

14

$$\frac{14}{15} \div \frac{2}{11} \times \frac{6}{11}$$

15

$$\frac{3}{4} \times \frac{3}{14} \times \frac{2}{9}$$

16

$$\frac{2}{9} \div \frac{1}{2} \times \frac{2}{3}$$

13

$$\begin{aligned} & \frac{8}{13} \div \frac{5}{7} \times \frac{5}{7} \\ &= \frac{8 \times \cancel{7} \times \cancel{5}}{13 \times \cancel{5} \times \cancel{7}} \\ &= \frac{8}{13} \end{aligned}$$

参考 約分のしかた

7と7を7でわって1と1

5と5を5でわって1と1

14

$$\begin{aligned} & \frac{14}{15} \div \frac{2}{11} \times \frac{6}{11} \\ &= \frac{\cancel{7}^7 \times \cancel{11} \times \cancel{6}^2}{\cancel{5}^5 \times \cancel{2} \times \cancel{11}} \\ &= \frac{14}{5} \\ &= 2\frac{4}{5} \end{aligned}$$

参考 約分のしかた

14と2を2でわって7と1

11と11を11でわって1と1

6と15を3でわって2と5

15

$$\begin{aligned} & \frac{3}{4} \times \frac{3}{14} \times \frac{2}{9} \\ &= \frac{\underset{2}{\cancel{3}} \times \cancel{3} \times \cancel{2}}{\underset{1}{\cancel{4}} \times 14 \times \underset{3}{\cancel{9}}} \\ &= \frac{\underset{1}{\cancel{3}} \times 1 \times 1}{2 \times 14 \times \underset{1}{\cancel{3}}} \\ &= \frac{1}{28} \end{aligned}$$

参考 約分のしかた

3と9を3でわって1と3

2と4を2でわって1と2

3と3を3でわって1と1

16

$$\begin{aligned} & \frac{2}{9} \div \frac{1}{2} \times \frac{2}{3} \\ &= \frac{2 \times 2 \times 2}{9 \times 1 \times 3} \\ &= \frac{8}{27} \end{aligned}$$

17

$$\frac{5}{6} \div \frac{5}{12} \times \frac{2}{15}$$

18

$$\frac{5}{6} \div \frac{1}{2} \div \frac{8}{9}$$

19

$$\frac{6}{13} \div \frac{3}{10} \div \frac{2}{13}$$

20

$$\frac{2}{11} \times \frac{5}{8} \div \frac{3}{11}$$

17

$$\begin{aligned} & \frac{5}{6} \div \frac{5}{12} \times \frac{2}{15} \\ &= \frac{\overset{1}{\cancel{5}} \times \overset{2}{\cancel{12}} \times 2}{\underset{1}{\cancel{6}} \times \underset{1}{\cancel{5}} \times 15} \\ &= \frac{4}{15} \end{aligned}$$

参考 約分のしかた

5と5を5でわって1と1
12と6を6でわって2と1

18

$$\begin{aligned} & \frac{5}{6} \div \frac{1}{2} \div \frac{8}{9} \\ &= \frac{5 \times \overset{1}{\cancel{2}} \times \overset{3}{\cancel{9}}}{\underset{2}{\cancel{6}} \times 1 \times \underset{4}{\cancel{8}}} \\ &= \frac{15}{8} \\ &= 1\frac{7}{8} \end{aligned}$$

参考 約分のしかた

2と8を2でわって1と4
9と6を3でわって3と2

19

$$\begin{aligned} & \frac{6}{13} \div \frac{3}{10} \div \frac{2}{13} \\ &= \frac{\overset{2}{\cancel{6}} \times \overset{5}{\cancel{10}} \times \overset{1}{\cancel{13}}}{\underset{1}{\cancel{13}} \times \underset{1}{\cancel{3}} \times \underset{1}{\cancel{2}}} \\ &= \frac{10}{1} \\ &= 10 \end{aligned}$$

参考 約分のしかた

6と3を3でわって2と1
10と2を2でわって5と1
13と13を13でわって1と1

20

$$\begin{aligned} & \frac{2}{11} \times \frac{5}{8} \div \frac{3}{11} \\ &= \frac{\overset{1}{\cancel{2}} \times 5 \times \overset{1}{\cancel{11}}}{\underset{4}{\cancel{8}} \times \underset{1}{\cancel{11}} \times 3} \\ &= \frac{5}{12} \end{aligned}$$

参考 約分のしかた

2と8を2でわって1と4
11と11を11でわって1と1

①

$$\frac{9}{14} \times \frac{4}{9} \div \frac{3}{5}$$

②

$$\frac{1}{5} \times \frac{3}{4} \times \frac{2}{9}$$

③

$$\frac{9}{10} \div \frac{3}{10} \times \frac{4}{9}$$

④

$$\frac{7}{9} \div \frac{7}{15} \times \frac{1}{3}$$

①

$$\begin{aligned} & \frac{9}{14} \times \frac{4}{9} \div \frac{3}{5} \\ &= \frac{\overset{1}{\cancel{9}} \times \overset{2}{\cancel{4}} \times 5}{\underset{7}{\cancel{14}} \times \underset{1}{\cancel{9}} \times 3} \\ &= \frac{10}{21} \end{aligned}$$

参考 約分のしかた

9と9を9でわって1と1
4と14を2でわって2と7

②

$$\begin{aligned} & \frac{1}{5} \times \frac{3}{4} \times \frac{2}{9} \\ &= \frac{1 \times \overset{1}{\cancel{3}} \times \overset{1}{\cancel{2}}}{5 \times \underset{2}{\cancel{4}} \times \underset{3}{\cancel{9}}} \\ &= \frac{1}{30} \end{aligned}$$

参考 約分のしかた

3と9を3でわって1と3
2と4を2でわって1と2

③

$$\begin{aligned} & \frac{9}{10} \div \frac{3}{10} \times \frac{4}{9} \\ &= \frac{\overset{1}{\cancel{9}} \times \overset{1}{\cancel{10}} \times 4}{\underset{1}{\cancel{10}} \times 3 \times \underset{1}{\cancel{9}}} \\ &= \frac{4}{3} \\ &= 1\frac{1}{3} \end{aligned}$$

参考 約分のしかた

9と9を9でわって1と1
10と10を10でわって1と1

④

$$\begin{aligned} & \frac{7}{9} \div \frac{7}{15} \times \frac{1}{3} \\ &= \frac{\overset{1}{\cancel{7}} \times \overset{5}{\cancel{15}} \times 1}{\underset{3}{\cancel{9}} \times \underset{1}{\cancel{7}} \times 3} \\ &= \frac{5}{9} \end{aligned}$$

参考 約分のしかた

7と7を7でわって1と1
15と9を3でわって5と3

5

$$\frac{8}{9} \div \frac{11}{12} \div \frac{4}{11}$$

6

$$\frac{5}{8} \div \frac{1}{4} \times \frac{2}{5}$$

7

$$\frac{8}{11} \div \frac{8}{11} \div \frac{5}{13}$$

8

$$\frac{7}{9} \div \frac{8}{9} \div \frac{7}{12}$$

5

$$\begin{aligned} & \frac{8}{9} \div \frac{11}{12} \div \frac{4}{11} \\ &= \frac{\overset{2}{\cancel{8}} \times \overset{4}{\cancel{12}} \times \overset{1}{\cancel{11}}}{\underset{3}{\cancel{9}} \times \underset{1}{\cancel{11}} \times \underset{4}{\cancel{4}}} \\ &= \frac{8}{3} \\ &= 2\frac{2}{3} \end{aligned}$$

参考 約分のしかた

8と4を4でわって2と1

12と9を3でわって4と3

11と11を11でわって1と1

6

$$\begin{aligned} & \frac{5}{8} \div \frac{1}{4} \times \frac{2}{5} \\ &= \frac{\overset{1}{\cancel{5}} \times 4 \times \overset{1}{\cancel{2}}}{\underset{4}{8} \times \underset{1}{1} \times \underset{5}{\cancel{5}}} \\ &= \frac{1 \times \overset{1}{\cancel{4}} \times 1}{\underset{1}{\cancel{4}} \times 1 \times 1} \\ &= \frac{1}{1} \\ &= 1 \end{aligned}$$

参考 約分のしかた

5と5を5でわって1と1

2と8を2でわって1と4

4と4を4でわって1と1

7

$$\begin{aligned} & \frac{8}{11} \div \frac{8}{11} \div \frac{5}{13} \\ &= \frac{\overset{1}{\cancel{8}} \times \overset{1}{\cancel{11}} \times 13}{\underset{1}{\cancel{11}} \times \underset{8}{8} \times 5} \\ &= \frac{13}{5} \\ &= 2\frac{3}{5} \end{aligned}$$

参考 約分のしかた

8と8を8でわって1と1

11と11を11でわって1と1

8

$$\begin{aligned} & \frac{7}{9} \div \frac{8}{9} \div \frac{7}{12} \\ &= \frac{\overset{1}{\cancel{7}} \times \overset{1}{\cancel{9}} \times \overset{3}{\cancel{12}}}{\underset{9}{9} \times \underset{2}{8} \times \underset{1}{\cancel{7}}} \\ &= \frac{3}{2} \\ &= 1\frac{1}{2} \end{aligned}$$

参考 約分のしかた

7と7を7でわって1と1

9と9を9でわって1と1

12と8を4でわって3と2

9

$$\frac{5}{13} \div \frac{5}{9} \div \frac{2}{13}$$

10

$$\frac{10}{11} \times \frac{3}{5} \times \frac{7}{12}$$

11

$$\frac{1}{2} \div \frac{1}{4} \times \frac{4}{13}$$

12

$$\frac{8}{13} \div \frac{1}{4} \times \frac{1}{4}$$

9

$$\begin{aligned} & \frac{5}{13} \div \frac{5}{9} \div \frac{2}{13} \\ &= \frac{\overset{1}{\cancel{5}} \times 9 \times \overset{1}{\cancel{13}}}{\overset{1}{\cancel{13}} \times \overset{1}{\cancel{5}} \times 2} \\ &= \frac{9}{2} \\ &= 4\frac{1}{2} \end{aligned}$$

参考 約分のしかた
 5と5を5でわって1と1
 13と13を13でわって1と1

10

$$\begin{aligned} & \frac{10}{11} \times \frac{3}{5} \times \frac{7}{12} \\ &= \frac{\overset{5}{\cancel{10}} \times 3 \times 7}{11 \times \overset{1}{\cancel{5}} \times \overset{6}{\cancel{12}}} \\ &= \frac{\overset{1}{\cancel{5}} \times \overset{1}{\cancel{3}} \times 7}{11 \times \overset{1}{\cancel{5}} \times \overset{2}{\cancel{6}}} \\ &= \frac{7}{22} \end{aligned}$$

参考 約分のしかた
 10と12を2でわって5と6
 5と5を5でわって1と1
 3と6を3でわって1と2

11

$$\begin{aligned} & \frac{1}{2} \div \frac{1}{4} \times \frac{4}{13} \\ &= \frac{1 \times \overset{2}{\cancel{4}} \times 4}{\overset{1}{\cancel{2}} \times 1 \times 13} \\ &= \frac{8}{13} \end{aligned}$$

参考 約分のしかた
 4と2を2でわって2と1

12

$$\begin{aligned} & \frac{8}{13} \div \frac{1}{4} \times \frac{1}{4} \\ &= \frac{\overset{2}{\cancel{8}} \times 4 \times 1}{13 \times 1 \times \overset{1}{\cancel{4}}} \\ &= \frac{8}{13} \end{aligned}$$

参考 約分のしかた
 8と4を4でわって2と1

13

$$\frac{1}{4} \div \frac{5}{12} \times \frac{11}{15}$$

14

$$\frac{6}{11} \times \frac{11}{12} \times \frac{7}{13}$$

15

$$\frac{4}{11} \times \frac{8}{13} \div \frac{8}{13}$$

16

$$\frac{5}{9} \div \frac{1}{3} \div \frac{3}{4}$$

13

$$\begin{aligned} & \frac{1}{4} \div \frac{5}{12} \times \frac{11}{15} \\ &= \frac{1 \times \overset{4}{\cancel{12}} \times 11}{4 \times 5 \times \overset{5}{\cancel{15}}} \\ &= \frac{1 \times \overset{4}{\cancel{4}} \times 11}{\overset{4}{\cancel{4}} \times 5 \times 5} \\ &= \frac{11}{25} \end{aligned}$$

参考 約分のしかた

12と15を3でわって4と5

4と4を4でわって1と1

14

$$\begin{aligned} & \frac{6}{11} \times \frac{11}{12} \times \frac{7}{13} \\ &= \frac{\overset{6}{\cancel{6}} \times \overset{11}{\cancel{11}} \times 7}{\overset{11}{\cancel{11}} \times \overset{2}{\cancel{12}} \times 13} \\ &= \frac{7}{26} \end{aligned}$$

参考 約分のしかた

6と12を6でわって1と2

11と11を11でわって1と1

15

$$\begin{aligned} & \frac{4}{11} \times \frac{8}{13} \div \frac{8}{13} \\ &= \frac{4 \times \overset{8}{\cancel{8}} \times \overset{13}{\cancel{13}}}{11 \times \overset{13}{\cancel{13}} \times \overset{8}{\cancel{8}}} \\ &= \frac{4}{11} \end{aligned}$$

参考 約分のしかた

8と8を8でわって1と1

13と13を13でわって1と1

16

$$\begin{aligned} & \frac{5}{9} \div \frac{1}{3} \div \frac{3}{4} \\ &= \frac{5 \times \overset{3}{\cancel{3}} \times 4}{\overset{9}{\cancel{9}} \times 1 \times 3} \\ &= \frac{20}{9} \\ &= 2\frac{2}{9} \end{aligned}$$

参考 約分のしかた

3と9を3でわって1と3

17

$$\frac{9}{14} \times \frac{7}{9} \div \frac{3}{8}$$

18

$$\frac{5}{9} \times \frac{2}{5} \div \frac{5}{12}$$

19

$$\frac{5}{7} \div \frac{5}{7} \div \frac{7}{12}$$

20

$$\frac{1}{2} \div \frac{3}{13} \div \frac{7}{12}$$

17

$$\begin{aligned} & \frac{9}{14} \times \frac{7}{9} \div \frac{3}{8} \\ &= \frac{\overset{1}{\cancel{9}} \times \overset{1}{\cancel{7}} \times 8}{\underset{2}{\cancel{14}} \times \underset{1}{\cancel{9}} \times 3} \\ &= \frac{1 \times 1 \times \overset{4}{\cancel{8}}}{\underset{1}{\cancel{2}} \times 1 \times 3} \\ &= \frac{4}{3} \\ &= 1\frac{1}{3} \end{aligned}$$

参考 約分のしかた

9と9を9でわって1と1

7と14を7でわって1と2

8と2を2でわって4と1

18

$$\begin{aligned} & \frac{5}{9} \times \frac{2}{5} \div \frac{5}{12} \\ &= \frac{\overset{1}{\cancel{5}} \times 2 \times \overset{4}{\cancel{12}}}{\underset{3}{\cancel{9}} \times \underset{1}{\cancel{5}} \times 5} \\ &= \frac{8}{15} \end{aligned}$$

参考 約分のしかた

5と5を5でわって1と1

12と9を3でわって4と3

19

$$\begin{aligned} & \frac{5}{7} \div \frac{5}{7} \div \frac{7}{12} \\ &= \frac{\overset{1}{\cancel{5}} \times \overset{1}{\cancel{7}} \times 12}{\underset{1}{\cancel{7}} \times \underset{1}{\cancel{5}} \times 7} \\ &= \frac{12}{7} \\ &= 1\frac{5}{7} \end{aligned}$$

参考 約分のしかた

5と5を5でわって1と1

7と7を7でわって1と1

20

$$\begin{aligned} & \frac{1}{2} \div \frac{3}{13} \div \frac{7}{12} \\ &= \frac{1 \times 13 \times \overset{4}{\cancel{12}}}{2 \times \underset{1}{\cancel{3}} \times 7} \\ &= \frac{1 \times 13 \times \overset{2}{\cancel{4}}}{\underset{1}{\cancel{2}} \times 1 \times 7} \\ &= \frac{26}{7} \\ &= 3\frac{5}{7} \end{aligned}$$

参考 約分のしかた

12と3を3でわって4と1

4と2を2でわって2と1

①

$$\frac{7}{10} \times \frac{2}{3} \div \frac{1}{6}$$

②

$$\frac{1}{2} \div \frac{1}{5} \times \frac{3}{14}$$

③

$$\frac{8}{15} \times \frac{9}{10} \div \frac{3}{4}$$

④

$$\frac{2}{11} \times \frac{3}{4} \div \frac{7}{11}$$

1

$$\begin{aligned} & \frac{9}{10} \times \frac{2}{3} \div \frac{1}{6} \\ &= \frac{\overset{3}{\cancel{9}} \times \overset{1}{\cancel{2}} \times 6}{\underset{5}{\cancel{10}} \times \underset{1}{\cancel{3}} \times 1} \\ &= \frac{18}{5} \\ &= 3\frac{3}{5} \end{aligned}$$

参考 約分のしかた

9と3を3でわって3と1
2と10を2でわって1と5

2

$$\begin{aligned} & \frac{1}{2} \div \frac{1}{5} \times \frac{3}{14} \\ &= \frac{1 \times 5 \times 3}{2 \times 1 \times 14} \\ &= \frac{15}{28} \end{aligned}$$

3

$$\begin{aligned} & \frac{8}{15} \times \frac{9}{10} \div \frac{3}{4} \\ &= \frac{\overset{4}{\cancel{8}} \times \overset{3}{\cancel{9}} \times 4}{\underset{5}{\cancel{15}} \times \underset{1}{\cancel{10}} \times \underset{1}{\cancel{3}}} \\ &= \frac{4 \times \overset{1}{\cancel{3}} \times 4}{\underset{5}{\cancel{15}} \times 5 \times 1} \\ &= \frac{16}{25} \end{aligned}$$

参考 約分のしかた

8と10を2でわって4と5
9と3を3でわって3と1
3と15を3でわって1と5

4

$$\begin{aligned} & \frac{2}{11} \times \frac{3}{4} \div \frac{7}{11} \\ &= \frac{\overset{1}{\cancel{2}} \times 3 \times \overset{1}{\cancel{11}}}{\underset{2}{\cancel{11}} \times \underset{2}{\cancel{4}} \times 7} \\ &= \frac{3}{14} \end{aligned}$$

参考 約分のしかた

2と4を2でわって1と2
11と11を11でわって1と1

5

$$\frac{7}{9} \times \frac{11}{15} \times \frac{5}{11}$$

6

$$\frac{10}{13} \times \frac{3}{11} \div \frac{2}{13}$$

7

$$\frac{3}{4} \div \frac{1}{6} \times \frac{2}{11}$$

8

$$\frac{3}{14} \times \frac{2}{3} \div \frac{1}{2}$$

5

$$\begin{aligned} & \frac{7}{9} \times \frac{11}{15} \times \frac{5}{11} \\ &= \frac{7 \times \cancel{11} \times \cancel{5}}{9 \times \cancel{15} \times \cancel{11}} \\ &= \frac{7}{27} \end{aligned}$$

参考 約分のしかた
 11と11を11でわって1と1
 5と15を5でわって1と3

6

$$\begin{aligned} & \frac{10}{13} \times \frac{3}{11} \div \frac{2}{13} \\ &= \frac{\overset{5}{\cancel{10}} \times 3 \times \cancel{13}}{\cancel{13} \times 11 \times \cancel{2}} \\ &= \frac{15}{11} \\ &= 1 \frac{4}{11} \end{aligned}$$

参考 約分のしかた
 10と2を2でわって5と1
 13と13を13でわって1と1

7

$$\begin{aligned} & \frac{3}{4} \div \frac{1}{6} \times \frac{2}{11} \\ &= \frac{3 \times 6 \times \cancel{2}}{\cancel{4} \times 1 \times 11} \\ &= \frac{3 \times \overset{3}{\cancel{6}} \times 1}{\cancel{2} \times 1 \times 11} \\ &= \frac{9}{11} \end{aligned}$$

参考 約分のしかた
 2と4を2でわって1と2
 6と2を2でわって3と1

8

$$\begin{aligned} & \frac{3}{14} \times \frac{2}{3} \div \frac{1}{2} \\ &= \frac{\cancel{3} \times \cancel{2} \times 2}{\cancel{14} \times \cancel{3} \times 1} \\ &= \frac{2}{7} \end{aligned}$$

参考 約分のしかた
 3と3を3でわって1と1
 2と14を2でわって1と7

9

$$\frac{4}{5} \times \frac{5}{6} \times \frac{6}{11}$$

10

$$\frac{7}{9} \times \frac{5}{7} \times \frac{3}{5}$$

11

$$\frac{1}{6} \div \frac{4}{9} \div \frac{5}{8}$$

12

$$\frac{14}{15} \times \frac{3}{7} \times \frac{5}{8}$$

9

$$\begin{aligned} & \frac{4}{5} \times \frac{5}{6} \times \frac{6}{11} \\ &= \frac{4 \times \overset{|}{\cancel{5}} \times \overset{|}{\cancel{6}}}{\overset{|}{\cancel{5}} \times \overset{|}{\cancel{6}} \times 11} \\ &= \frac{4}{11} \end{aligned}$$

参考 約分のしかた

5と5を5でわって1と1

6と6を6でわって1と1

10

$$\begin{aligned} & \frac{7}{9} \times \frac{5}{7} \times \frac{3}{5} \\ &= \frac{\overset{|}{\cancel{7}} \times \overset{|}{\cancel{5}} \times \overset{|}{\cancel{3}}}{\overset{|}{\cancel{9}} \times \overset{|}{\cancel{7}} \times \overset{|}{\cancel{5}}} \\ &= \frac{1}{3} \end{aligned}$$

参考 約分のしかた

7と7を7でわって1と1

5と5を5でわって1と1

3と9を3でわって1と3

11

$$\begin{aligned} & \frac{1}{6} \div \frac{4}{9} \div \frac{5}{8} \\ &= \frac{1 \times \overset{4}{\cancel{9}} \times \overset{8}{\cancel{8}}}{\overset{3}{\cancel{6}} \times 4 \times 5} \\ &= \frac{1 \times \overset{3}{\cancel{9}} \times \overset{1}{\cancel{4}}}{\overset{1}{\cancel{3}} \times \overset{1}{\cancel{4}} \times 5} \\ &= \frac{3}{5} \end{aligned}$$

参考 約分のしかた

8と6を2でわって4と3

9と3を3でわって3と1

4と4を4でわって1と1

12

$$\begin{aligned} & \frac{14}{15} \times \frac{3}{7} \times \frac{5}{8} \\ &= \frac{\overset{2}{\cancel{14}} \times 3 \times \overset{1}{\cancel{5}}}{\overset{3}{\cancel{15}} \times \overset{1}{\cancel{7}} \times 8} \\ &= \frac{\overset{1}{\cancel{2}} \times \overset{1}{\cancel{3}} \times 1}{\overset{1}{\cancel{3}} \times 1 \times \overset{4}{\cancel{8}}} \\ &= \frac{1}{4} \end{aligned}$$

参考 約分のしかた

14と7を7でわって2と1

5と15を5でわって1と3

2と8を2でわって1と4

3と3を3でわって1と1

13

$$\frac{3}{10} \times \frac{8}{9} \div \frac{1}{2}$$

14

$$\frac{7}{9} \div \frac{4}{9} \times \frac{9}{14}$$

15

$$\frac{1}{4} \div \frac{5}{12} \div \frac{6}{13}$$

16

$$\frac{4}{5} \times \frac{7}{10} \div \frac{7}{12}$$

13

$$\begin{aligned} & \frac{3}{10} \times \frac{8}{9} \div \frac{1}{2} \\ &= \frac{\overset{1}{\cancel{3}} \times \overset{4}{\cancel{8}} \times 2}{\underset{5}{\cancel{10}} \times \underset{3}{\cancel{9}} \times 1} \\ &= \frac{8}{15} \end{aligned}$$

参考 約分のしかた

3と9を3でわって1と3
8と10を2でわって4と5

14

$$\begin{aligned} & \frac{7}{9} \div \frac{4}{9} \times \frac{9}{14} \\ &= \frac{\overset{1}{\cancel{7}} \times \overset{1}{\cancel{9}} \times 9}{\underset{1}{\cancel{9}} \times 4 \times \underset{2}{\cancel{14}}} \\ &= \frac{9}{8} \\ &= 1\frac{1}{8} \end{aligned}$$

参考 約分のしかた

7と14を7でわって1と2
9と9を9でわって1と1

15

$$\begin{aligned} & \frac{1}{4} \div \frac{5}{12} \div \frac{6}{13} \\ &= \frac{1 \times \overset{4}{\cancel{12}} \times 13}{4 \times 5 \times \underset{2}{\cancel{6}}} \\ &= \frac{1 \times \overset{1}{\cancel{4}} \times 13}{\underset{1}{\cancel{4}} \times 5 \times 2} \\ &= \frac{13}{10} \\ &= 1\frac{3}{10} \end{aligned}$$

参考 約分のしかた

12と6を3でわって4と2
4と4を4でわって1と1

16

$$\begin{aligned} & \frac{4}{5} \times \frac{7}{10} \div \frac{7}{12} \\ &= \frac{\overset{2}{\cancel{4}} \times \overset{1}{\cancel{7}} \times 12}{5 \times \underset{5}{\cancel{10}} \times \underset{1}{\cancel{7}}} \\ &= \frac{24}{25} \end{aligned}$$

参考 約分のしかた

4と10を2でわって2と5
7と7を7でわって1と1

17

$$\frac{7}{9} \times \frac{3}{5} \div \frac{4}{5}$$

18

$$\frac{3}{7} \times \frac{14}{15} \div \frac{5}{11}$$

19

$$\frac{7}{10} \div \frac{3}{10} \times \frac{1}{2}$$

20

$$\frac{2}{9} \times \frac{3}{4} \div \frac{13}{15}$$

17

$$\begin{aligned} & \frac{7}{9} \times \frac{3}{5} \div \frac{4}{5} \\ &= \frac{7 \times \overset{1}{\cancel{3}} \times \overset{1}{\cancel{5}}}{\underset{3}{\cancel{9}} \times \underset{1}{\cancel{5}} \times 4} \\ &= \frac{7}{12} \end{aligned}$$

参考 約分のしかた
 3と9を3でわって1と3
 5と5を5でわって1と1

18

$$\begin{aligned} & \frac{3}{7} \times \frac{14}{15} \div \frac{5}{11} \\ &= \frac{\overset{1}{\cancel{3}} \times \overset{2}{\cancel{14}} \times 11}{\underset{1}{\cancel{7}} \times \underset{5}{\cancel{15}} \times 5} \\ &= \frac{22}{25} \end{aligned}$$

参考 約分のしかた
 3と15を3でわって1と5
 14と7を7でわって2と1

19

$$\begin{aligned} & \frac{7}{10} \div \frac{3}{10} \times \frac{1}{2} \\ &= \frac{7 \times \overset{1}{\cancel{10}} \times 1}{\underset{1}{\cancel{10}} \times 3 \times 2} \\ &= \frac{7}{6} \\ &= 1\frac{1}{6} \end{aligned}$$

参考 約分のしかた
 10と10を10でわって1と1

20

$$\begin{aligned} & \frac{2}{9} \times \frac{3}{4} \div \frac{13}{15} \\ &= \frac{\overset{1}{\cancel{2}} \times 3 \times \overset{5}{\cancel{15}}}{\underset{3}{\cancel{9}} \times \underset{2}{\cancel{4}} \times 13} \\ &= \frac{1 \times \overset{1}{\cancel{3}} \times 5}{\underset{1}{\cancel{3}} \times 2 \times 13} \\ &= \frac{5}{26} \end{aligned}$$

参考 約分のしかた
 2と4を2でわって1と2
 15と9を3でわって5と3
 3と3を3でわって1と1

①

$$\frac{1}{2} \div \frac{3}{10} \times \frac{9}{14}$$

②

$$\frac{5}{9} \times \frac{3}{5} \div \frac{5}{6}$$

③

$$\frac{6}{11} \div \frac{2}{5} \times \frac{11}{12}$$

④

$$\frac{3}{13} \times \frac{1}{3} \times \frac{13}{14}$$

①

$$\begin{aligned} & \frac{1}{2} \div \frac{3}{10} \times \frac{9}{14} \\ &= \frac{1 \times \overset{5}{\cancel{10}} \times \overset{3}{\cancel{9}}}{\underset{1}{\cancel{2}} \times \underset{1}{\cancel{3}} \times 14} \\ &= \frac{15}{14} \\ &= 1 \frac{1}{14} \end{aligned}$$

参考 約分のしかた

10と2を2でわって5と1

9と3を3でわって3と1

②

$$\begin{aligned} & \frac{5}{9} \times \frac{3}{5} \div \frac{5}{6} \\ &= \frac{\overset{1}{\cancel{5}} \times 3 \times \overset{2}{\cancel{6}}}{\underset{3}{\cancel{9}} \times \underset{1}{\cancel{5}} \times 5} \\ &= \frac{1 \times \cancel{3} \times 2}{\underset{1}{\cancel{3}} \times 1 \times 5} \\ &= \frac{2}{5} \end{aligned}$$

参考 約分のしかた

5と5を5でわって1と1

6と9を3でわって2と3

3と3を3でわって1と1

③

$$\begin{aligned} & \frac{6}{11} \div \frac{2}{5} \times \frac{11}{12} \\ &= \frac{\overset{1}{\cancel{6}} \times 5 \times \overset{1}{\cancel{11}}}{\underset{1}{\cancel{11}} \times 2 \times \underset{2}{\cancel{12}}} \\ &= \frac{5}{4} \\ &= 1 \frac{1}{4} \end{aligned}$$

参考 約分のしかた

6と12を6でわって1と2

11と11を11でわって1と1

④

$$\begin{aligned} & \frac{3}{13} \times \frac{1}{3} \times \frac{13}{14} \\ &= \frac{\overset{1}{\cancel{3}} \times 1 \times \overset{1}{\cancel{13}}}{\underset{1}{\cancel{13}} \times \underset{1}{\cancel{3}} \times 14} \\ &= \frac{1}{14} \end{aligned}$$

参考 約分のしかた

3と3を3でわって1と1

13と13を13でわって1と1

5

$$\frac{1}{5} \div \frac{3}{10} \div \frac{8}{11}$$

6

$$\frac{11}{12} \div \frac{11}{14} \times \frac{12}{13}$$

7

$$\frac{2}{15} \div \frac{2}{15} \times \frac{6}{13}$$

8

$$\frac{2}{5} \div \frac{3}{8} \times \frac{5}{6}$$

5

$$\begin{aligned} & \frac{1}{5} \div \frac{3}{10} \div \frac{8}{11} \\ &= \frac{1 \times \overset{2}{\cancel{10}} \times 11}{\underset{1}{\cancel{5}} \times 3 \times 8} \\ &= \frac{1 \times \overset{1}{\cancel{2}} \times 11}{1 \times 3 \times \underset{4}{\cancel{8}}} \\ &= \frac{11}{12} \end{aligned}$$

参考 約分のしかた
 10と5を5でわって2と1
 2と8を2でわって1と4

6

$$\begin{aligned} & \frac{11}{12} \div \frac{11}{14} \times \frac{12}{13} \\ &= \frac{\overset{1}{\cancel{11}} \times 14 \times \overset{1}{\cancel{12}}}{\underset{1}{\cancel{12}} \times \overset{1}{\cancel{11}} \times 13} \\ &= \frac{14}{13} \\ &= 1 \frac{1}{13} \end{aligned}$$

参考 約分のしかた
 11と11を11でわって1と1
 12と12を12でわって1と1

7

$$\begin{aligned} & \frac{2}{15} \div \frac{2}{15} \times \frac{6}{13} \\ &= \frac{\overset{1}{\cancel{2}} \times \overset{1}{\cancel{15}} \times 6}{\underset{1}{\cancel{15}} \times \overset{1}{\cancel{2}} \times 13} \\ &= \frac{6}{13} \end{aligned}$$

参考 約分のしかた
 2と2を2でわって1と1
 15と15を15でわって1と1

8

$$\begin{aligned} & \frac{2}{5} \div \frac{3}{8} \times \frac{5}{6} \\ &= \frac{\overset{1}{\cancel{2}} \times 8 \times \overset{1}{\cancel{5}}}{\underset{3}{\cancel{5}} \times 3 \times \overset{1}{\cancel{6}}} \\ &= \frac{8}{9} \end{aligned}$$

参考 約分のしかた
 2と6を2でわって1と3
 5と5を5でわって1と1

9

$$\frac{5}{12} \times \frac{5}{6} \div \frac{5}{6}$$

10

$$\frac{4}{9} \div \frac{6}{11} \div \frac{2}{9}$$

11

$$\frac{11}{14} \div \frac{14}{15} \times \frac{14}{15}$$

12

$$\frac{1}{5} \div \frac{9}{11} \div \frac{2}{15}$$

9

$$\begin{aligned} & \frac{5}{12} \times \frac{5}{6} \div \frac{5}{6} \\ &= \frac{\overset{1}{\cancel{5}} \times \overset{1}{\cancel{5}} \times \overset{1}{\cancel{6}}}{\underset{2}{12} \times \underset{1}{6} \times \underset{1}{\cancel{5}}} \\ &= \frac{5}{12} \end{aligned}$$

参考 約分のしかた

5と5を5でわって1と1
6と12を6でわって1と2

10

$$\begin{aligned} & \frac{4}{9} \div \frac{6}{11} \div \frac{2}{9} \\ &= \frac{\overset{2}{\cancel{4}} \times \overset{1}{11} \times \overset{1}{\cancel{9}}}{\underset{1}{9} \times \underset{1}{6} \times \underset{1}{\cancel{2}}} \\ &= \frac{\overset{1}{\cancel{2}} \times \overset{1}{11} \times \overset{1}{1}}{\underset{1}{1} \times \underset{3}{\cancel{6}} \times \underset{1}{1}} \\ &= \frac{11}{3} \\ &= 3\frac{2}{3} \end{aligned}$$

参考 約分のしかた

4と2を2でわって2と1
9と9を9でわって1と1
2と6を2でわって1と3

11

$$\begin{aligned} & \frac{11}{14} \div \frac{14}{15} \times \frac{14}{15} \\ &= \frac{\overset{1}{11} \times \overset{1}{\cancel{15}} \times \overset{1}{\cancel{14}}}{\underset{1}{14} \times \underset{1}{14} \times \underset{1}{\cancel{15}}} \\ &= \frac{11}{14} \end{aligned}$$

参考 約分のしかた

15と15を15でわって1と1
14と14を14でわって1と1

12

$$\begin{aligned} & \frac{1}{5} \div \frac{9}{11} \div \frac{2}{15} \\ &= \frac{\overset{1}{1} \times \overset{1}{11} \times \overset{3}{\cancel{15}}}{\underset{1}{5} \times \underset{1}{9} \times \underset{1}{2}} \\ &= \frac{\overset{1}{1} \times \overset{1}{11} \times \overset{1}{\cancel{3}}}{\underset{1}{1} \times \underset{3}{\cancel{9}} \times \underset{1}{2}} \\ &= \frac{11}{6} \\ &= 1\frac{5}{6} \end{aligned}$$

参考 約分のしかた

15と5を5でわって3と1
3と9を3でわって1と3

13

$$\frac{2}{3} \div \frac{9}{13} \div \frac{1}{3}$$

14

$$\frac{5}{14} \times \frac{7}{10} \times \frac{1}{3}$$

15

$$\frac{5}{7} \div \frac{2}{7} \div \frac{11}{12}$$

16

$$\frac{4}{13} \times \frac{6}{11} \div \frac{3}{13}$$

13

$$\begin{aligned} & \frac{2}{3} \div \frac{9}{13} \div \frac{1}{3} \\ & = \frac{2 \times 13 \times \overset{1}{\cancel{3}}}{\overset{1}{\cancel{3}} \times 9 \times 1} \\ & = \frac{26}{9} \\ & = 2\frac{8}{9} \end{aligned}$$

参考 約分のしかた
3と3を3でわって1と1

14

$$\begin{aligned} & \frac{5}{14} \times \frac{7}{10} \times \frac{1}{3} \\ & = \frac{\overset{1}{\cancel{5}} \times \overset{1}{\cancel{7}} \times 1}{\overset{2}{\cancel{14}} \times \overset{2}{\cancel{10}} \times 3} \\ & = \frac{1}{12} \end{aligned}$$

参考 約分のしかた
5と10を5でわって1と2
7と14を7でわって1と2

15

$$\begin{aligned} & \frac{5}{7} \div \frac{2}{7} \div \frac{11}{12} \\ & = \frac{5 \times \overset{1}{\cancel{7}} \times \overset{6}{\cancel{12}}}{\overset{1}{\cancel{7}} \times \overset{1}{\cancel{2}} \times 11} \\ & = \frac{30}{11} \\ & = 2\frac{8}{11} \end{aligned}$$

参考 約分のしかた
7と7を7でわって1と1
12と2を2でわって6と1

16

$$\begin{aligned} & \frac{4}{13} \times \frac{6}{11} \div \frac{3}{13} \\ & = \frac{4 \times \overset{2}{\cancel{6}} \times \overset{1}{\cancel{13}}}{\overset{1}{\cancel{13}} \times 11 \times \overset{1}{\cancel{3}}} \\ & = \frac{8}{11} \end{aligned}$$

参考 約分のしかた
6と3を3でわって2と1
13と13を13でわって1と1

17

$$\frac{1}{4} \times \frac{9}{13} \div \frac{3}{4}$$

18

$$\frac{2}{15} \div \frac{2}{13} \div \frac{9}{10}$$

19

$$\frac{6}{13} \times \frac{5}{9} \div \frac{4}{13}$$

20

$$\frac{2}{3} \div \frac{8}{15} \times \frac{8}{11}$$

17

$$\frac{1}{4} \times \frac{9}{13} \div \frac{3}{4}$$

$$= \frac{\overset{3}{\cancel{1}} \times \overset{4}{\cancel{9}} \times \overset{4}{\cancel{4}}}{\underset{1}{\cancel{4}} \times 13 \times \underset{1}{\cancel{3}}}$$

$$= \frac{3}{13}$$

参考 約分のしかた

9と3を3でわって3と1

4と4を4でわって1と1

18

$$\frac{2}{15} \div \frac{2}{13} \div \frac{9}{10}$$

$$= \frac{\overset{1}{\cancel{2}} \times 13 \times \overset{2}{\cancel{10}}}{\underset{3}{\cancel{15}} \times \underset{1}{\cancel{2}} \times 9}$$

$$= \frac{26}{27}$$

参考 約分のしかた

2と2を2でわって1と1

10と15を5でわって2と3

19

$$\frac{6}{13} \times \frac{5}{9} \div \frac{4}{13}$$

$$= \frac{\overset{2}{\cancel{6}} \times 5 \times \overset{1}{\cancel{13}}}{\underset{3}{\cancel{13}} \times \underset{3}{\cancel{9}} \times 4}$$

$$= \frac{\overset{1}{\cancel{2}} \times 5 \times 1}{1 \times 3 \times \underset{2}{\cancel{4}}}$$

$$= \frac{5}{6}$$

参考 約分のしかた

6と9を3でわって2と3

13と13を13でわって1と1

2と4を2でわって1と2

20

$$\frac{2}{3} \div \frac{8}{15} \times \frac{8}{11}$$

$$= \frac{2 \times \overset{5}{\cancel{15}} \times \overset{1}{\cancel{8}}}{\underset{3}{\cancel{3}} \times \underset{1}{\cancel{8}} \times 11}$$

$$= \frac{10}{11}$$

参考 約分のしかた

15と3を3でわって5と1

8と8を8でわって1と1

①

$$\frac{2}{13} \times 4\frac{1}{2} \times \frac{2}{3}$$

②

$$\frac{2}{13} \times 3\frac{2}{3} \div \frac{2}{3}$$

③

$$\frac{5}{12} \times \frac{7}{10} \times 1\frac{1}{5}$$

④

$$1\frac{1}{4} \div 2\frac{1}{3} \div \frac{3}{7}$$

①

$$\begin{aligned} & \frac{2}{13} \times 4\frac{1}{2} \times \frac{2}{3} \\ &= \frac{\overset{1}{\cancel{2}} \times \overset{3}{\cancel{4}} \times 2}{13 \times \underset{1}{\cancel{2}} \times \underset{1}{\cancel{3}}} \\ &= \frac{6}{13} \end{aligned}$$

参考 約分のしかた

2と2を2でわって1と1

9と3を3でわって3と1

②

$$\begin{aligned} & \frac{2}{13} \times 3\frac{2}{3} \div \frac{2}{3} \\ &= \frac{\overset{1}{\cancel{2}} \times 11 \times \underset{1}{\cancel{3}}}{13 \times \underset{1}{\cancel{3}} \times \underset{1}{\cancel{2}}} \\ &= \frac{11}{13} \end{aligned}$$

参考 約分のしかた

2と2を2でわって1と1

3と3を3でわって1と1

③

$$\begin{aligned} & \frac{5}{12} \times \frac{7}{10} \times 1\frac{1}{5} \\ &= \frac{\overset{1}{\cancel{5}} \times 7 \times \underset{1}{\cancel{6}}}{\underset{2}{\cancel{12}} \times \underset{2}{\cancel{10}} \times 5} \\ &= \frac{7}{20} \end{aligned}$$

参考 約分のしかた

5と10を5でわって1と2

6と12を6でわって1と2

④

$$\begin{aligned} & 1\frac{1}{4} \div 2\frac{1}{3} \div \frac{3}{7} \\ &= \frac{5 \times \underset{1}{\cancel{3}} \times \underset{1}{\cancel{7}}}{4 \times \underset{1}{\cancel{7}} \times \underset{1}{\cancel{3}}} \\ &= \frac{5}{4} \\ &= 1\frac{1}{4} \end{aligned}$$

参考 約分のしかた

3と3を3でわって1と1

7と7を7でわって1と1

5

$$\frac{1}{2} \div \frac{11}{15} \times \frac{2}{15}$$

6

$$\frac{5}{13} \div \frac{5}{13} \times \frac{3}{11}$$

7

$$2\frac{1}{7} \times 1\frac{3}{10} \div 1\frac{4}{9}$$

8

$$5 \times \frac{3}{10} \times 1\frac{1}{3}$$

5

$$\begin{aligned} & \frac{1}{2} \div \frac{11}{15} \times \frac{2}{15} \\ &= \frac{1 \times \cancel{15} \times \cancel{2}}{\cancel{2} \times 11 \times \cancel{15}} \\ &= \frac{1}{11} \end{aligned}$$

参考 約分のしかた

15と15を15でわって1と1

2と2を2でわって1と1

6

$$\begin{aligned} & \frac{5}{13} \div \frac{5}{13} \times \frac{3}{11} \\ &= \frac{\cancel{5} \times \cancel{13} \times 3}{\cancel{13} \times \cancel{5} \times 11} \\ &= \frac{3}{11} \end{aligned}$$

参考 約分のしかた

5と5を5でわって1と1

13と13を13でわって1と1

7

$$\begin{aligned} & 2\frac{1}{7} \times 1\frac{3}{10} \div 1\frac{4}{9} \\ &= \frac{\cancel{15}^3 \times \cancel{13}^1 \times 9}{7 \times \cancel{10}^2 \times \cancel{13}^1} \\ &= \frac{27}{14} \\ &= 1\frac{13}{14} \end{aligned}$$

参考 約分のしかた

15と10を5でわって3と2

13と13を13でわって1と1

8

$$\begin{aligned} & 5 \times \frac{3}{10} \times 1\frac{1}{3} \\ &= \frac{\cancel{5}^1 \times \cancel{3}^1 \times 4}{1 \times \cancel{10}^2 \times \cancel{3}^1} \\ &= \frac{1 \times 1 \times \cancel{4}^2}{1 \times \cancel{2}^1 \times 1} \\ &= \frac{2}{1} \\ &= 2 \end{aligned}$$

参考 約分のしかた

5と10を5でわって1と2

3と3を3でわって1と1

4と2を2でわって2と1

9

$$\frac{4}{15} \times 5 \times \frac{6}{11}$$

10

$$5 \div 2\frac{1}{2} \times \frac{2}{9}$$

11

$$2\frac{1}{5} \times \frac{2}{15} \times \frac{9}{11}$$

12

$$\frac{8}{15} \times 1\frac{4}{5} \times 3\frac{3}{4}$$

9

$$\begin{aligned} & \frac{4}{15} \times 5 \times \frac{6}{11} \\ &= \frac{4 \times \overset{1}{\cancel{5}} \times 6}{\underset{3}{\cancel{15}} \times 1 \times 11} \\ &= \frac{4 \times 1 \times \overset{2}{\cancel{6}}}{\underset{1}{\cancel{3}} \times 1 \times 11} \\ &= \frac{8}{11} \end{aligned}$$

参考 約分のしかた
5と15を5でわって1と3
6と3を3でわって2と1

10

$$\begin{aligned} & 5 \div 2\frac{1}{2} \times \frac{2}{9} \\ &= \frac{\overset{1}{\cancel{5}} \times 2 \times 2}{1 \times \underset{1}{\cancel{5}} \times 9} \\ &= \frac{4}{9} \end{aligned}$$

参考 約分のしかた
5と5を5でわって1と1

11

$$\begin{aligned} & 2\frac{1}{5} \times \frac{2}{15} \times \frac{9}{11} \\ &= \frac{\overset{1}{\cancel{2}} \times \underset{5}{\cancel{2}} \times \overset{3}{\cancel{9}}}{5 \times \underset{5}{\cancel{15}} \times \underset{1}{\cancel{11}}} \\ &= \frac{6}{25} \end{aligned}$$

参考 約分のしかた
11と11を11でわって1と1
9と15を3でわって3と5

12

$$\begin{aligned} & \frac{8}{15} \times 1\frac{4}{5} \times 3\frac{3}{4} \\ &= \frac{\overset{2}{\cancel{8}} \times 9 \times \overset{1}{\cancel{15}}}{\underset{1}{\cancel{15}} \times 5 \times \underset{1}{\cancel{4}}} \\ &= \frac{18}{5} \\ &= 3\frac{3}{5} \end{aligned}$$

参考 約分のしかた
8と4を4でわって2と1
15と15を15でわって1と1

13

$$\frac{8}{11} \times 1\frac{3}{8} \div \frac{3}{10}$$

14

$$1\frac{1}{9} \times 1\frac{2}{5} \div 1\frac{3}{11}$$

15

$$3\frac{3}{4} \times \frac{2}{15} \times 1\frac{6}{7}$$

16

$$1\frac{2}{3} \div 1\frac{5}{6} \div \frac{7}{11}$$

13

$$\begin{aligned} & \frac{8}{11} \times 1\frac{3}{8} \div \frac{3}{10} \\ &= \frac{\overset{1}{\cancel{8}} \times \overset{1}{\cancel{11}} \times 10}{\overset{1}{\cancel{11}} \times \overset{1}{\cancel{8}} \times 3} \\ &= \frac{10}{3} \\ &= 3\frac{1}{3} \end{aligned}$$

参考 約分のしかた

8と8を8でわって1と1

11と11を11でわって1と1

14

$$\begin{aligned} & 1\frac{1}{9} \times 1\frac{2}{5} \div 1\frac{3}{11} \\ &= \frac{\overset{5}{\cancel{10}} \times 7 \times 11}{9 \times 5 \times \overset{7}{\cancel{14}}} \\ &= \frac{\overset{1}{\cancel{5}} \times \overset{1}{\cancel{7}} \times 11}{9 \times \overset{1}{\cancel{5}} \times \overset{1}{\cancel{7}}} \\ &= \frac{11}{9} \\ &= 1\frac{2}{9} \end{aligned}$$

参考 約分のしかた

10と14を2でわって5と7

5と5を5でわって1と1

7と7を7でわって1と1

15

$$\begin{aligned} & 3\frac{3}{4} \times \frac{2}{15} \times 1\frac{6}{7} \\ &= \frac{\overset{1}{\cancel{15}} \times \overset{1}{\cancel{8}} \times 13}{\overset{2}{\cancel{4}} \times \overset{1}{\cancel{15}} \times 7} \\ &= \frac{13}{14} \end{aligned}$$

参考 約分のしかた

15と15を15でわって1と1

2と4を2でわって1と2

16

$$\begin{aligned} & 1\frac{2}{3} \div 1\frac{5}{6} \div \frac{7}{11} \\ &= \frac{5 \times \overset{2}{\cancel{6}} \times \overset{1}{\cancel{11}}}{\overset{1}{\cancel{3}} \times \overset{1}{\cancel{11}} \times 7} \\ &= \frac{10}{7} \\ &= 1\frac{3}{7} \end{aligned}$$

参考 約分のしかた

6と3を3でわって2と1

11と11を11でわって1と1

17

$$\frac{5}{6} \div \frac{1}{5} \times \frac{3}{7}$$

18

$$\frac{1}{6} \times 2\frac{4}{5} \div \frac{1}{5}$$

19

$$\frac{1}{4} \div \frac{2}{5} \times 1\frac{1}{10}$$

20

$$1\frac{1}{2} \times 2\frac{2}{3} \div \frac{10}{13}$$

17

$$\begin{aligned} & \frac{5}{6} \div \frac{1}{5} \times \frac{3}{7} \\ &= \frac{5 \times 5 \times \overset{1}{\cancel{3}}}{\underset{2}{\cancel{6}} \times 1 \times 7} \\ &= \frac{25}{14} \\ &= 1 \frac{11}{14} \end{aligned}$$

参考 約分のしかた
3と6を3でわって1と2

18

$$\begin{aligned} & \frac{1}{6} \times 2 \frac{4}{5} \div \frac{1}{5} \\ &= \frac{1 \times \overset{7}{\cancel{14}} \times \overset{1}{\cancel{5}}}{\underset{3}{\cancel{6}} \times \underset{1}{\cancel{5}} \times 1} \\ &= \frac{7}{3} \\ &= 2 \frac{1}{3} \end{aligned}$$

参考 約分のしかた
14と6を2でわって7と3
5と5を5でわって1と1

19

$$\begin{aligned} & \frac{1}{4} \div \frac{2}{5} \times 1 \frac{1}{10} \\ &= \frac{1 \times \overset{1}{\cancel{5}} \times 11}{4 \times 2 \times \underset{2}{\cancel{10}}} \\ &= \frac{11}{16} \end{aligned}$$

参考 約分のしかた
5と10を5でわって1と2

20

$$\begin{aligned} & 1 \frac{1}{2} \times 2 \frac{2}{3} \div \frac{10}{13} \\ &= \frac{\overset{1}{\cancel{8}} \times \overset{4}{\cancel{8}} \times 13}{2 \times \underset{1}{\cancel{3}} \times \underset{5}{\cancel{10}}} \\ &= \frac{1 \times \overset{2}{\cancel{4}} \times 13}{\underset{1}{\cancel{2}} \times 1 \times 5} \\ &= \frac{26}{5} \\ &= 5 \frac{1}{5} \end{aligned}$$

参考 約分のしかた
3と3を3でわって1と1
8と10を2でわって4と5
4と2を2でわって2と1

①

$$2 \times 1 \frac{1}{13} \times \frac{3}{4}$$

②

$$\frac{5}{13} \times \frac{13}{15} \div \frac{3}{13}$$

③

$$1 \frac{3}{4} \times \frac{4}{9} \div \frac{7}{11}$$

④

$$1 \frac{1}{6} \times \frac{12}{13} \times \frac{5}{14}$$

①

$$\begin{aligned}
& 2 \times 1 \frac{1}{13} \times \frac{3}{4} \\
&= \frac{2 \times \overset{7}{\cancel{14}} \times 3}{1 \times 13 \times \underset{2}{\cancel{4}}} \\
&= \frac{\overset{1}{\cancel{2}} \times 7 \times 3}{1 \times 13 \times \underset{1}{\cancel{2}}} \\
&= \frac{21}{13} \\
&= 1 \frac{8}{13}
\end{aligned}$$

参考 約分のしかた

14と4を2でわって7と2

2と2を2でわって1と1

②

$$\begin{aligned}
& \frac{5}{13} \times \frac{13}{15} \div \frac{3}{13} \\
&= \frac{\overset{1}{\cancel{5}} \times \overset{13}{\cancel{13}} \times 13}{\underset{3}{13} \times \underset{3}{\cancel{15}} \times 3} \\
&= \frac{13}{9} \\
&= 1 \frac{4}{9}
\end{aligned}$$

参考 約分のしかた

5と15を5でわって1と3

13と13を13でわって1と1

③

$$\begin{aligned}
& 1 \frac{3}{4} \times \frac{4}{9} \div \frac{7}{11} \\
&= \frac{\overset{1}{\cancel{7}} \times \overset{4}{\cancel{4}} \times 11}{\underset{1}{\cancel{4}} \times 9 \times \underset{1}{\cancel{7}}} \\
&= \frac{11}{9} \\
&= 1 \frac{2}{9}
\end{aligned}$$

参考 約分のしかた

7と7を7でわって1と1

4と4を4でわって1と1

④

$$\begin{aligned}
& 1 \frac{1}{6} \times \frac{12}{13} \times \frac{5}{14} \\
&= \frac{7 \times \overset{6}{\cancel{12}} \times 5}{6 \times 13 \times \underset{7}{\cancel{14}}} \\
&= \frac{\overset{1}{\cancel{7}} \times \overset{1}{\cancel{6}} \times 5}{\underset{1}{6} \times 13 \times \underset{1}{\cancel{7}}} \\
&= \frac{5}{13}
\end{aligned}$$

参考 約分のしかた

12と14を2でわって6と7

7と7を7でわって1と1

6と6を6でわって1と1

5

$$1\frac{4}{5} \times \frac{1}{7} \div \frac{4}{7}$$

6

$$\frac{7}{8} \times \frac{5}{8} \div 1\frac{3}{4}$$

7

$$\frac{1}{3} \times 1\frac{1}{11} \div \frac{3}{11}$$

8

$$1\frac{1}{11} \times 2\frac{4}{5} \div \frac{8}{11}$$

5

$$\begin{aligned}
 & 1\frac{4}{5} \times \frac{1}{7} \div \frac{4}{7} \\
 &= \frac{9 \times 1 \times \cancel{7}}{5 \times \cancel{7} \times 4} \\
 &= \frac{9}{20}
 \end{aligned}$$

参考 約分のしかた
7と7を7でわって1と1

6

$$\begin{aligned}
 & \frac{7}{8} \times \frac{5}{8} \div 1\frac{3}{4} \\
 &= \frac{\cancel{7} \times 5 \times \cancel{4}}{\cancel{8} \times 8 \times \cancel{4}} \\
 &= \frac{5}{16}
 \end{aligned}$$

参考 約分のしかた
7と7を7でわって1と1
4と8を4でわって1と2

7

$$\begin{aligned}
 & \frac{1}{3} \times 1\frac{1}{11} \div \frac{3}{11} \\
 &= \frac{1 \times \cancel{12} \times \cancel{11}}{\cancel{3} \times \cancel{11} \times 3} \\
 &= \frac{4}{3} \\
 &= 1\frac{1}{3}
 \end{aligned}$$

参考 約分のしかた
12と3を3でわって4と1
11と11を11でわって1と1

8

$$\begin{aligned}
 & 1\frac{1}{11} \times 2\frac{4}{5} \div \frac{8}{11} \\
 &= \frac{12 \times \cancel{14} \times \cancel{11}}{\cancel{11} \times 5 \times \cancel{8}} \\
 &= \frac{\cancel{12}^3 \times 7 \times 1}{1 \times 5 \times \cancel{4}} \\
 &= \frac{21}{5} \\
 &= 4\frac{1}{5}
 \end{aligned}$$

参考 約分のしかた
14と8を2でわって7と4
11と11を11でわって1と1
12と4を4でわって3と1

9

$$2\frac{4}{5} \div 1\frac{1}{6} \times \frac{2}{9}$$

10

$$\frac{7}{11} \div 2\frac{2}{3} \div \frac{3}{11}$$

11

$$1\frac{1}{12} \div 3 \div 4\frac{1}{3}$$

12

$$7 \times \frac{2}{7} \div \frac{5}{13}$$

9

$$\begin{aligned}
& 2\frac{4}{5} \div 1\frac{1}{6} \times \frac{2}{9} \\
&= \frac{\overset{2}{\cancel{14}} \times \overset{2}{\cancel{6}} \times 2}{5 \times \underset{1}{\cancel{7}} \times \underset{3}{\cancel{9}}} \\
&= \frac{8}{15}
\end{aligned}$$

参考 約分のしかた

14と7を7でわって2と1

6と9を3でわって2と3

10

$$\begin{aligned}
& \frac{7}{11} \div 2\frac{2}{3} \div \frac{3}{11} \\
&= \frac{7 \times \overset{1}{\cancel{3}} \times \overset{1}{\cancel{11}}}{\underset{1}{\cancel{11}} \times 8 \times \underset{1}{\cancel{3}}} \\
&= \frac{7}{8}
\end{aligned}$$

参考 約分のしかた

3と3を3でわって1と1

11と11を11でわって1と1

11

$$\begin{aligned}
& 1\frac{1}{12} \div 3 \div 4\frac{1}{3} \\
&= \frac{\overset{1}{\cancel{13}} \times 1 \times \overset{1}{\cancel{3}}}{\underset{4}{12} \times 3 \times \underset{1}{\cancel{13}}} \\
&= \frac{1}{12}
\end{aligned}$$

参考 約分のしかた

13と13を13でわって1と1

3と12を3でわって1と4

12

$$\begin{aligned}
& 7 \times \frac{2}{7} \div \frac{5}{13} \\
&= \frac{\overset{1}{\cancel{7}} \times 2 \times 13}{1 \times \underset{1}{\cancel{7}} \times 5} \\
&= \frac{26}{5} \\
&= 5\frac{1}{5}
\end{aligned}$$

参考 約分のしかた

7と7を7でわって1と1

13

$$2\frac{1}{6} \times \frac{6}{13} \times 1\frac{2}{7}$$

14

$$6\frac{1}{2} \div 1\frac{6}{7} \times 1\frac{3}{7}$$

15

$$7 \times \frac{6}{7} \times 2\frac{2}{3}$$

16

$$2\frac{1}{6} \div 1\frac{7}{8} \div 2\frac{2}{3}$$

13

$$\begin{aligned}
 & 2\frac{1}{6} \times \frac{6}{13} \times 1\frac{2}{7} \\
 &= \frac{\overset{1}{\cancel{13}} \times \overset{1}{\cancel{6}} \times 9}{\underset{1}{\cancel{6}} \times \underset{1}{\cancel{13}} \times 7} \\
 &= \frac{9}{7} \\
 &= 1\frac{2}{7}
 \end{aligned}$$

参考 約分のしかた

13と13を13でわって1と1

6と6を6でわって1と1

14

$$\begin{aligned}
 & 6\frac{1}{2} \div 1\frac{6}{7} \times 1\frac{3}{7} \\
 &= \frac{\overset{1}{\cancel{13}} \times \overset{1}{\cancel{7}} \times \overset{5}{10}}{\underset{1}{\cancel{2}} \times \underset{1}{\cancel{13}} \times \underset{1}{\cancel{7}}} \\
 &= \frac{5}{1} \\
 &= 5
 \end{aligned}$$

参考 約分のしかた

13と13を13でわって1と1

7と7を7でわって1と1

10と2を2でわって5と1

15

$$\begin{aligned}
 & 7 \times \frac{6}{7} \times 2\frac{2}{3} \\
 &= \frac{\overset{1}{\cancel{7}} \times \overset{2}{\cancel{6}} \times 8}{\underset{1}{\cancel{7}} \times \underset{1}{\cancel{3}} \times 3} \\
 &= \frac{16}{1} \\
 &= 16
 \end{aligned}$$

参考 約分のしかた

7と7を7でわって1と1

6と3を3でわって2と1

16

$$\begin{aligned}
 & 2\frac{1}{6} \div 1\frac{7}{8} \div 2\frac{2}{3} \\
 &= \frac{13 \times \overset{1}{\cancel{8}} \times \overset{1}{\cancel{3}}}{\underset{2}{\cancel{6}} \times 15 \times \underset{1}{\cancel{8}}} \\
 &= \frac{13}{30}
 \end{aligned}$$

参考 約分のしかた

8と8を8でわって1と1

3と6を3でわって1と2

17

$$\frac{1}{7} \times 2\frac{4}{5} \times \frac{2}{5}$$

18

$$\frac{1}{7} \times 1\frac{4}{11} \times 3\frac{2}{3}$$

19

$$\frac{13}{15} \times \frac{4}{15} \div \frac{2}{9}$$

20

$$\frac{11}{12} \div \frac{4}{15} \div 3\frac{2}{3}$$

17

$$\begin{aligned} & \frac{1}{7} \times 2\frac{4}{5} \times \frac{2}{5} \\ &= \frac{1 \times \overset{2}{\cancel{14}} \times 2}{\underset{1}{\cancel{7}} \times 5 \times 5} \\ &= \frac{4}{25} \end{aligned}$$

参考 約分のしかた
14と7を7でわって2と1

18

$$\begin{aligned} & \frac{1}{7} \times 1\frac{4}{11} \times 3\frac{2}{3} \\ &= \frac{1 \times \overset{5}{\cancel{15}} \times \overset{1}{\cancel{11}}}{\underset{1}{\cancel{7}} \times \underset{1}{\cancel{11}} \times \underset{1}{\cancel{3}}} \\ &= \frac{5}{7} \end{aligned}$$

参考 約分のしかた
15と3を3でわって5と1
11と11を11でわって1と1

19

$$\begin{aligned} & \frac{13}{15} \times \frac{4}{15} \div \frac{2}{9} \\ &= \frac{13 \times \overset{2}{\cancel{4}} \times \overset{3}{\cancel{9}}}{15 \times \underset{5}{\cancel{15}} \times \underset{1}{\cancel{3}}} \\ &= \frac{13 \times 2 \times \overset{1}{\cancel{3}}}{\underset{5}{\cancel{15}} \times 5 \times 1} \\ &= \frac{26}{25} \\ &= 1\frac{1}{25} \end{aligned}$$

参考 約分のしかた
4と2を2でわって2と1
9と15を3でわって3と5
3と15を3でわって1と5

20

$$\begin{aligned} & \frac{11}{12} \div \frac{4}{15} \div 3\frac{2}{3} \\ &= \frac{\overset{1}{\cancel{11}} \times \overset{5}{\cancel{15}} \times 3}{\underset{4}{\cancel{12}} \times 4 \times \underset{1}{\cancel{11}}} \\ &= \frac{15}{16} \end{aligned}$$

参考 約分のしかた
11と11を11でわって1と1
15と12を3でわって5と4

①

$$3\frac{1}{4} \times \frac{5}{9} \div 1\frac{3}{10}$$

②

$$\frac{5}{9} \times \frac{3}{4} \div \frac{2}{3}$$

③

$$2\frac{1}{3} \div \frac{14}{15} \times \frac{1}{4}$$

④

$$\frac{9}{13} \div 1\frac{3}{8} \div \frac{4}{13}$$

①

$$\begin{aligned} & 3\frac{1}{4} \times \frac{5}{9} \div 1\frac{3}{10} \\ &= \frac{\overset{1}{\cancel{13}} \times 5 \times \overset{5}{\cancel{10}}}{\underset{2}{\cancel{4}} \times 9 \times \underset{1}{\cancel{13}}} \\ &= \frac{25}{18} \\ &= 1\frac{7}{18} \end{aligned}$$

参考 約分のしかた

13と13を13でわって1と1

10と4を2でわって5と2

②

$$\begin{aligned} & \frac{5}{9} \times \frac{3}{4} \div \frac{2}{3} \\ &= \frac{5 \times 3 \times \overset{1}{\cancel{3}}}{\underset{3}{\cancel{9}} \times 4 \times 2} \\ &= \frac{5 \times \overset{1}{\cancel{3}} \times 1}{\underset{1}{\cancel{3}} \times 4 \times 2} \\ &= \frac{5}{8} \end{aligned}$$

参考 約分のしかた

3と9を3でわって1と3

3と3を3でわって1と1

③

$$\begin{aligned} & 2\frac{1}{3} \div \frac{14}{15} \times \frac{1}{4} \\ &= \frac{\overset{1}{\cancel{7}} \times \overset{5}{\cancel{15}} \times 1}{\underset{2}{\cancel{3}} \times \underset{2}{\cancel{14}} \times 4} \\ &= \frac{5}{8} \end{aligned}$$

参考 約分のしかた

7と14を7でわって1と2

15と3を3でわって5と1

④

$$\begin{aligned} & \frac{9}{13} \div 1\frac{3}{8} \div \frac{4}{13} \\ &= \frac{9 \times \overset{2}{\cancel{8}} \times \overset{1}{\cancel{13}}}{\underset{1}{\cancel{13}} \times 11 \times \underset{1}{\cancel{4}}} \\ &= \frac{18}{11} \\ &= 1\frac{7}{11} \end{aligned}$$

参考 約分のしかた

8と4を4でわって2と1

13と13を13でわって1と1

5

$$\frac{3}{8} \div 7\frac{1}{2} \times 1\frac{1}{3}$$

6

$$2\frac{3}{4} \times 1\frac{3}{5} \div 2\frac{2}{5}$$

7

$$1\frac{1}{6} \times \frac{7}{9} \times \frac{6}{7}$$

8

$$1\frac{1}{9} \div 3\frac{1}{2} \div \frac{5}{6}$$

5

$$\begin{aligned} & \frac{3}{8} \div 7\frac{1}{2} \times 1\frac{1}{3} \\ &= \frac{\overset{1}{\cancel{3}} \times \overset{1}{\cancel{2}} \times \overset{1}{\cancel{4}}}{\underset{2}{\cancel{8}} \times \underset{5}{\cancel{15}} \times 3} \\ &= \frac{1 \times \overset{1}{\cancel{2}} \times 1}{\underset{1}{\cancel{2}} \times 5 \times 3} \\ &= \frac{1}{15} \end{aligned}$$

参考 約分のしかた

3と15を3でわって1と5

4と8を4でわって1と2

2と2を2でわって1と1

6

$$\begin{aligned} & 2\frac{3}{4} \times 1\frac{3}{5} \div 2\frac{2}{5} \\ &= \frac{11 \times \overset{4}{\cancel{8}} \times \overset{1}{\cancel{5}}}{4 \times \underset{1}{\cancel{5}} \times \underset{6}{\cancel{12}}} \\ &= \frac{11 \times \overset{1}{\cancel{4}} \times 1}{\underset{1}{\cancel{4}} \times 1 \times 6} \\ &= \frac{11}{6} \\ &= 1\frac{5}{6} \end{aligned}$$

参考 約分のしかた

8と12を2でわって4と6

5と5を5でわって1と1

4と4を4でわって1と1

7

$$\begin{aligned} & 1\frac{1}{6} \times \frac{7}{9} \times \frac{6}{7} \\ &= \frac{\overset{1}{\cancel{7}} \times \overset{1}{\cancel{7}} \times \overset{1}{\cancel{6}}}{\underset{1}{\cancel{6}} \times 9 \times \underset{1}{\cancel{7}}} \\ &= \frac{7}{9} \end{aligned}$$

参考 約分のしかた

7と7を7でわって1と1

6と6を6でわって1と1

8

$$\begin{aligned} & 1\frac{1}{9} \div 3\frac{1}{2} \div \frac{5}{6} \\ &= \frac{\overset{2}{\cancel{10}} \times \overset{2}{\cancel{2}} \times \overset{2}{\cancel{6}}}{\underset{3}{\cancel{9}} \times 7 \times \underset{1}{\cancel{5}}} \\ &= \frac{8}{21} \end{aligned}$$

参考 約分のしかた

10と5を5でわって2と1

6と9を3でわって2と3

9

$$2\frac{2}{5} \div \frac{4}{5} \div 1\frac{1}{6}$$

10

$$\frac{4}{11} \div \frac{8}{11} \div \frac{2}{15}$$

11

$$\frac{4}{15} \div \frac{5}{8} \times 3\frac{3}{4}$$

12

$$\frac{1}{4} \times 7\frac{1}{2} \times \frac{9}{10}$$

9

$$\begin{aligned}
& 2\frac{2}{5} \div \frac{4}{5} \div 1\frac{1}{6} \\
&= \frac{\cancel{12}^3 \times \cancel{5}^1 \times 6}{\cancel{5}^1 \times \cancel{4}^1 \times 7} \\
&= \frac{18}{7} \\
&= 2\frac{4}{7}
\end{aligned}$$

参考 約分のしかた

12と4を4でわって3と1

5と5を5でわって1と1

10

$$\begin{aligned}
& \frac{4}{11} \div \frac{8}{11} \div \frac{2}{15} \\
&= \frac{\cancel{4}^1 \times \cancel{11}^1 \times 15}{\cancel{11}^1 \times \cancel{8}^2 \times 2} \\
&= \frac{15}{4} \\
&= 3\frac{3}{4}
\end{aligned}$$

参考 約分のしかた

4と8を4でわって1と2

11と11を11でわって1と1

11

$$\begin{aligned}
& \frac{4}{15} \div \frac{5}{8} \times 3\frac{3}{4} \\
&= \frac{\cancel{4}^1 \times 8 \times \cancel{15}^3}{\cancel{15}^1 \times 5 \times \cancel{4}^1} \\
&= \frac{8}{5} \\
&= 1\frac{3}{5}
\end{aligned}$$

参考 約分のしかた

4と4を4でわって1と1

15と15を15でわって1と1

12

$$\begin{aligned}
& \frac{1}{4} \times 7\frac{1}{2} \times \frac{9}{10} \\
&= \frac{1 \times \cancel{15}^3 \times 9}{4 \times 2 \times \cancel{10}^2} \\
&= \frac{27}{16} \\
&= 1\frac{11}{16}
\end{aligned}$$

参考 約分のしかた

15と10を5でわって3と2

13

$$\frac{6}{11} \times 1\frac{1}{6} \times 4$$

14

$$1\frac{1}{11} \times 4\frac{2}{3} \div 4$$

15

$$\frac{1}{4} \times 1\frac{4}{7} \div 1\frac{4}{7}$$

16

$$\frac{2}{15} \div \frac{8}{13} \times 4$$

13

$$\begin{aligned} & \frac{6}{11} \times 1 \frac{1}{6} \times 4 \\ &= \frac{\overset{1}{\cancel{6}} \times 7 \times 4}{11 \times \underset{1}{\cancel{6}} \times 1} \\ &= \frac{28}{11} \\ &= 2 \frac{6}{11} \end{aligned}$$

参考 約分のしかた
6と6を6でわって1と1

14

$$\begin{aligned} & 1 \frac{1}{11} \times 4 \frac{2}{3} \div 4 \\ &= \frac{\overset{4}{\cancel{12}} \times 14 \times 1}{11 \times \underset{1}{\cancel{3}} \times 4} \\ &= \frac{\overset{1}{\cancel{4}} \times 14 \times 1}{11 \times 1 \times \underset{1}{\cancel{4}}} \\ &= \frac{14}{11} \\ &= 1 \frac{3}{11} \end{aligned}$$

参考 約分のしかた
12と3を3でわって4と1
4と4を4でわって1と1

15

$$\begin{aligned} & \frac{1}{4} \times 1 \frac{4}{7} \div 1 \frac{4}{7} \\ &= \frac{1 \times \overset{1}{\cancel{4}} \times \overset{1}{\cancel{7}}}{4 \times \underset{1}{\cancel{7}} \times \underset{1}{\cancel{7}}} \\ &= \frac{1}{4} \end{aligned}$$

参考 約分のしかた
11と11を11でわって1と1
7と7を7でわって1と1

16

$$\begin{aligned} & \frac{2}{15} \div \frac{8}{13} \times 4 \\ &= \frac{2 \times 13 \times \overset{1}{\cancel{4}}}{15 \times \underset{2}{\cancel{8}} \times 1} \\ &= \frac{\overset{1}{\cancel{2}} \times 13 \times 1}{15 \times \underset{1}{\cancel{2}} \times 1} \\ &= \frac{13}{15} \end{aligned}$$

参考 約分のしかた
4と8を4でわって1と2
2と2を2でわって1と1

17

$$\frac{11}{14} \times 2\frac{4}{5} \div 1\frac{3}{8}$$

18

$$1\frac{5}{8} \times \frac{6}{13} \times 4\frac{1}{2}$$

19

$$\frac{6}{11} \times 2\frac{4}{5} \times 1\frac{3}{7}$$

20

$$3 \times \frac{1}{3} \times \frac{3}{8}$$

17

$$\begin{aligned} & \frac{11}{14} \times 2\frac{4}{5} \div 1\frac{3}{8} \\ &= \frac{\cancel{11}^1 \times \cancel{14}^2 \times 8}{\cancel{14}^2 \times 5 \times \cancel{8}^1} \\ &= \frac{8}{5} \\ &= 1\frac{3}{5} \end{aligned}$$

参考 約分のしかた

11と11を11でわって1と1

14と14を14でわって1と1

18

$$\begin{aligned} & 1\frac{5}{8} \times \frac{6}{13} \times 4\frac{1}{2} \\ &= \frac{\cancel{13}^1 \times \cancel{6}^2 \times 9}{8 \times \cancel{13}^1 \times 2} \\ &= \frac{27}{8} \\ &= 3\frac{3}{8} \end{aligned}$$

参考 約分のしかた

13と13を13でわって1と1

6と8を2でわって3と4

19

$$\begin{aligned} & \frac{6}{11} \times 2\frac{4}{5} \times 1\frac{3}{7} \\ &= \frac{6 \times \cancel{14}^2 \times \cancel{10}^2}{11 \times \cancel{5}^1 \times \cancel{7}^1} \\ &= \frac{24}{11} \\ &= 2\frac{2}{11} \end{aligned}$$

参考 約分のしかた

14と7を7でわって2と1

10と5を5でわって2と1

20

$$\begin{aligned} & 3 \times \frac{1}{3} \times \frac{3}{8} \\ &= \frac{\cancel{3}^1 \times 1 \times 3}{1 \times \cancel{3}^1 \times 8} \\ &= \frac{3}{8} \end{aligned}$$

参考 約分のしかた

3と3を3でわって1と1

①

$$\frac{2}{7} \times 1\frac{1}{4} \times 1\frac{5}{9}$$

②

$$1\frac{3}{5} \times \frac{3}{4} \div \frac{9}{11}$$

③

$$\frac{11}{14} \div \frac{3}{4} \div 1\frac{3}{7}$$

④

$$\frac{5}{14} \times 7 \div 3\frac{2}{3}$$

①

$$\begin{aligned} & \frac{2}{7} \times 1\frac{1}{4} \times 1\frac{5}{9} \\ &= \frac{2 \times 5 \times \cancel{14}^7}{7 \times \cancel{4}^2 \times 9} \\ &= \frac{\cancel{2}^1 \times 5 \times \cancel{7}^1}{\cancel{7}^1 \times \cancel{2}^1 \times 9} \\ &= \frac{5}{9} \end{aligned}$$

参考 約分のしかた

14と4を2でわって7と2

2と2を2でわって1と1

7と7を7でわって1と1

②

$$\begin{aligned} & 1\frac{3}{5} \times \frac{3}{4} \div \frac{9}{11} \\ &= \frac{\cancel{8}^2 \times \cancel{3}^1 \times 11}{5 \times \cancel{4}^1 \times \cancel{9}^3} \\ &= \frac{22}{15} \\ &= 1\frac{7}{15} \end{aligned}$$

参考 約分のしかた

8と4を4でわって2と1

3と9を3でわって1と3

③

$$\begin{aligned} & \frac{11}{14} \div \frac{3}{4} \div 1\frac{3}{7} \\ &= \frac{11 \times \cancel{4}^2 \times 7}{\cancel{14}^7 \times 3 \times 10} \\ &= \frac{11 \times \cancel{2}^1 \times \cancel{7}^1}{\cancel{7}^1 \times 3 \times \cancel{10}^5} \\ &= \frac{11}{15} \end{aligned}$$

参考 約分のしかた

4と14を2でわって2と7

2と10を2でわって1と5

7と7を7でわって1と1

④

$$\begin{aligned} & \frac{5}{14} \times 7 \div 3\frac{2}{3} \\ &= \frac{5 \times \cancel{7}^1 \times 3}{\cancel{14}^2 \times 1 \times 11} \\ &= \frac{15}{22} \end{aligned}$$

参考 約分のしかた

7と14を7でわって1と2

5

$$3\frac{1}{4} \times \frac{2}{9} \div \frac{1}{6}$$

6

$$\frac{4}{5} \times 2\frac{4}{5} \div 4\frac{2}{3}$$

7

$$1\frac{1}{11} \div \frac{2}{11} \times \frac{13}{15}$$

8

$$1\frac{2}{5} \times \frac{5}{6} \div 1\frac{1}{13}$$

5

$$\begin{aligned}
 & 3\frac{1}{4} \times \frac{2}{9} \div \frac{1}{6} \\
 &= \frac{13 \times 2 \times \overset{3}{\cancel{6}}}{\underset{2}{\cancel{4}} \times 9 \times 1} \\
 &= \frac{13 \times \overset{1}{\cancel{2}} \times \overset{1}{\cancel{3}}}{\underset{1}{\cancel{2}} \times \underset{3}{9} \times 1} \\
 &= \frac{13}{3} \\
 &= 4\frac{1}{3}
 \end{aligned}$$

参考 約分のしかた

6と4を2でわって3と2

2と2を2でわって1と1

3と9を3でわって1と3

6

$$\begin{aligned}
 & \frac{4}{5} \times 2\frac{4}{5} \div 4\frac{2}{3} \\
 &= \frac{4 \times \overset{1}{\cancel{14}} \times 3}{5 \times 5 \times \underset{1}{\cancel{14}}} \\
 &= \frac{12}{25}
 \end{aligned}$$

参考 約分のしかた

14と14を14でわって1と1

7

$$\begin{aligned}
 & 1\frac{1}{11} \div \frac{2}{11} \times \frac{13}{15} \\
 &= \frac{\overset{4}{\cancel{12}} \times \overset{1}{\cancel{11}} \times 13}{\underset{1}{\cancel{11}} \times 2 \times \underset{5}{\cancel{15}}} \\
 &= \frac{\overset{2}{\cancel{4}} \times 1 \times 13}{1 \times \underset{1}{\cancel{2}} \times 5} \\
 &= \frac{26}{5} \\
 &= 5\frac{1}{5}
 \end{aligned}$$

参考 約分のしかた

12と15を3でわって4と5

11と11を11でわって1と1

4と2を2でわって2と1

8

$$\begin{aligned}
 & 1\frac{2}{5} \times \frac{5}{6} \div 1\frac{1}{13} \\
 &= \frac{\overset{1}{\cancel{7}} \times \overset{1}{\cancel{5}} \times 13}{\underset{1}{\cancel{5}} \times 6 \times \underset{2}{\cancel{14}}} \\
 &= \frac{13}{12} \\
 &= 1\frac{1}{12}
 \end{aligned}$$

参考 約分のしかた

7と14を7でわって1と2

5と5を5でわって1と1

9

$$1\frac{2}{11} \div 2\frac{3}{5} \times 2\frac{3}{5}$$

10

$$\frac{8}{11} \times 2\frac{3}{4} \div 3\frac{1}{3}$$

11

$$\frac{7}{8} \div 1\frac{1}{5} \div \frac{5}{8}$$

12

$$4 \times \frac{5}{8} \times \frac{9}{10}$$

9

$$\begin{aligned}
 & 1 \frac{2}{11} \div 2 \frac{3}{5} \times 2 \frac{3}{5} \\
 &= \frac{\overset{1}{\cancel{13}} \times \overset{1}{\cancel{5}} \times 13}{11 \times \overset{1}{\cancel{13}} \times \overset{1}{\cancel{5}}} \\
 &= \frac{13}{11} \\
 &= 1 \frac{2}{11}
 \end{aligned}$$

参考 約分のしかた

13と13を13でわって1と1

5と5を5でわって1と1

10

$$\begin{aligned}
 & \frac{8}{11} \times 2 \frac{3}{4} \div 3 \frac{1}{3} \\
 &= \frac{\overset{4}{\cancel{8}} \times \overset{1}{\cancel{11}} \times 3}{\overset{1}{\cancel{11}} \times 4 \times \overset{1}{\cancel{10}}_5} \\
 &= \frac{\overset{1}{\cancel{4}} \times 1 \times 3}{1 \times \overset{1}{\cancel{4}} \times 5} \\
 &= \frac{3}{5}
 \end{aligned}$$

参考 約分のしかた

8と10を2でわって4と5

11と11を11でわって1と1

4と4を4でわって1と1

11

$$\begin{aligned}
 & \frac{7}{8} \div 1 \frac{1}{5} \div \frac{5}{8} \\
 &= \frac{7 \times \overset{1}{\cancel{5}} \times \overset{1}{\cancel{8}}}{\overset{1}{\cancel{8}} \times 6 \times \overset{1}{\cancel{5}}} \\
 &= \frac{7}{6} \\
 &= 1 \frac{1}{6}
 \end{aligned}$$

参考 約分のしかた

5と5を5でわって1と1

8と8を8でわって1と1

12

$$\begin{aligned}
 & 4 \times \frac{5}{8} \times \frac{9}{10} \\
 &= \frac{\overset{1}{\cancel{4}} \times \overset{1}{\cancel{5}} \times 9}{1 \times \overset{2}{\cancel{8}} \times \overset{2}{\cancel{10}}} \\
 &= \frac{9}{4} \\
 &= 2 \frac{1}{4}
 \end{aligned}$$

参考 約分のしかた

4と8を4でわって1と2

5と10を5でわって1と2

13

$$\frac{6}{11} \times 3\frac{1}{2} \div 1\frac{2}{5}$$

14

$$\frac{1}{4} \div \frac{7}{12} \times 4\frac{2}{3}$$

15

$$\frac{1}{3} \div \frac{2}{9} \div \frac{2}{3}$$

16

$$1\frac{7}{8} \div \frac{3}{5} \div 5$$

13

$$\begin{aligned} & \frac{6}{11} \times 3\frac{1}{2} \div 1\frac{2}{5} \\ &= \frac{\overset{3}{\cancel{6}} \times \overset{1}{\cancel{7}} \times 5}{11 \times \underset{1}{\cancel{2}} \times \underset{1}{\cancel{7}}} \\ &= \frac{15}{11} \\ &= 1\frac{4}{11} \end{aligned}$$

参考 約分のしかた

6と2を2でわって3と1

7と7を7でわって1と1

14

$$\begin{aligned} & \frac{1}{4} \div \frac{7}{12} \times 4\frac{2}{3} \\ &= \frac{1 \times \overset{4}{\cancel{12}} \times \overset{2}{\cancel{14}}}{4 \times \underset{1}{\cancel{7}} \times \underset{1}{\cancel{3}}} \\ &= \frac{1 \times \overset{1}{\cancel{4}} \times 2}{\underset{1}{\cancel{4}} \times 1 \times 1} \\ &= \frac{2}{1} \\ &= 2 \end{aligned}$$

参考 約分のしかた

12と3を3でわって4と1

14と7を7でわって2と1

4と4を4でわって1と1

15

$$\begin{aligned} & \frac{1}{3} \div \frac{2}{9} \div \frac{2}{3} \\ &= \frac{1 \times \overset{3}{\cancel{9}} \times 3}{\underset{1}{\cancel{3}} \times 2 \times 2} \\ &= \frac{9}{4} \\ &= 2\frac{1}{4} \end{aligned}$$

参考 約分のしかた

9と3を3でわって3と1

16

$$\begin{aligned} & 1\frac{7}{8} \div \frac{3}{5} \div 5 \\ &= \frac{\overset{5}{\cancel{15}} \times \overset{1}{\cancel{5}} \times 1}{8 \times \underset{1}{\cancel{3}} \times \underset{1}{\cancel{5}}} \\ &= \frac{5}{8} \end{aligned}$$

参考 約分のしかた

15と3を3でわって5と1

5と5を5でわって1と1

17

$$6\frac{1}{2} \times \frac{2}{11} \times 1\frac{1}{10}$$

18

$$1\frac{2}{3} \times \frac{12}{13} \times \frac{9}{10}$$

19

$$\frac{4}{7} \div 1\frac{3}{7} \div \frac{3}{4}$$

20

$$1\frac{2}{3} \times \frac{5}{8} \div \frac{3}{4}$$

17

$$\begin{aligned}
& 6\frac{1}{2} \times \frac{2}{11} \times 1\frac{1}{10} \\
&= \frac{13 \times \overset{1}{\cancel{2}} \times \overset{1}{\cancel{11}}}{\underset{1}{\cancel{2}} \times \overset{1}{\cancel{11}} \times 10} \\
&= \frac{13}{10} \\
&= 1\frac{3}{10}
\end{aligned}$$

参考 約分のしかた

2と2を2でわって1と1

11と11を11でわって1と1

18

$$\begin{aligned}
& 1\frac{2}{3} \times \frac{12}{13} \times \frac{9}{10} \\
&= \frac{5 \times \overset{6}{\cancel{12}} \times 9}{3 \times 13 \times \overset{5}{\cancel{10}}} \\
&= \frac{\overset{1}{\cancel{5}} \times \overset{2}{\cancel{6}} \times 9}{\underset{1}{\cancel{3}} \times 13 \times \overset{1}{\cancel{5}}} \\
&= \frac{18}{13} \\
&= 1\frac{5}{13}
\end{aligned}$$

参考 約分のしかた

12と10を2でわって6と5

5と5を5でわって1と1

6と3を3でわって2と1

19

$$\begin{aligned}
& \frac{4}{7} \div 1\frac{3}{7} \div \frac{3}{4} \\
&= \frac{\overset{2}{\cancel{4}} \times \overset{1}{\cancel{7}} \times 4}{\underset{1}{\cancel{7}} \times \overset{1}{\cancel{10}} \times 3} \\
&= \frac{8}{15}
\end{aligned}$$

参考 約分のしかた

4と10を2でわって2と5

7と7を7でわって1と1

20

$$\begin{aligned}
& 1\frac{2}{3} \times \frac{5}{8} \div \frac{3}{4} \\
&= \frac{5 \times 5 \times \overset{1}{\cancel{4}}}{3 \times \overset{2}{\cancel{8}} \times 3} \\
&= \frac{25}{18} \\
&= 1\frac{7}{18}
\end{aligned}$$

参考 約分のしかた

4と8を4でわって1と2

①

$$7\frac{1}{2} \div 5 \times \frac{6}{7}$$

②

$$\frac{9}{14} \div \frac{6}{11} \div 1\frac{1}{10}$$

③

$$\frac{5}{12} \div \frac{5}{6} \times 1\frac{4}{11}$$

④

$$\frac{4}{7} \div 2\frac{1}{5} \times 3\frac{1}{2}$$

①

$$\begin{aligned}
 & 7\frac{1}{2} \div 5 \times \frac{6}{7} \\
 &= \frac{\overset{3}{\cancel{15}} \times \overset{3}{\cancel{1}} \times \overset{3}{\cancel{6}}}{\underset{1}{\cancel{2}} \times \underset{1}{\cancel{5}} \times 7} \\
 &= \frac{9}{7} \\
 &= 1\frac{2}{7}
 \end{aligned}$$

参考 約分のしかた

15と5を5でわって3と1

6と2を2でわって3と1

②

$$\begin{aligned}
 & \frac{9}{14} \div \frac{6}{11} \div 1\frac{1}{10} \\
 &= \frac{\overset{3}{\cancel{9}} \times \overset{1}{\cancel{11}} \times \overset{5}{\cancel{10}}}{\underset{7}{\cancel{14}} \times \underset{2}{\cancel{6}} \times \underset{1}{\cancel{10}}} \\
 &= \frac{15}{14} \\
 &= 1\frac{1}{14}
 \end{aligned}$$

参考 約分のしかた

9と6を3でわって3と2

11と11を11でわって1と1

10と14を2でわって5と7

③

$$\begin{aligned}
 & \frac{5}{12} \div \frac{5}{6} \times 1\frac{4}{11} \\
 &= \frac{\overset{1}{\cancel{5}} \times \overset{1}{\cancel{6}} \times 15}{\underset{2}{\cancel{12}} \times \underset{1}{\cancel{5}} \times 11} \\
 &= \frac{15}{22}
 \end{aligned}$$

参考 約分のしかた

5と5を5でわって1と1

6と12を6でわって1と2

④

$$\begin{aligned}
 & \frac{4}{7} \div 2\frac{1}{5} \times 3\frac{1}{2} \\
 &= \frac{\overset{2}{\cancel{4}} \times 5 \times \overset{1}{\cancel{7}}}{\underset{1}{\cancel{7}} \times 11 \times \underset{1}{\cancel{2}}} \\
 &= \frac{10}{11}
 \end{aligned}$$

参考 約分のしかた

4と2を2でわって2と1

7と7を7でわって1と1

5

$$2\frac{1}{5} \div 2\frac{4}{5} \div 1\frac{4}{7}$$

6

$$\frac{5}{12} \div \frac{3}{11} \times \frac{2}{11}$$

7

$$\frac{4}{5} \times \frac{3}{4} \div \frac{3}{10}$$

8

$$2\frac{1}{4} \times 1\frac{7}{8} \div 2\frac{1}{2}$$

5

$$\begin{aligned}
 & 2\frac{1}{5} \div 2\frac{4}{5} \div 1\frac{4}{7} \\
 &= \frac{\overset{1}{\cancel{7}} \times \overset{1}{\cancel{5}} \times \overset{1}{\cancel{7}}}{\underset{1}{\cancel{5}} \times \underset{2}{\cancel{14}} \times \underset{1}{\cancel{7}}} \\
 &= \frac{1}{2}
 \end{aligned}$$

参考 約分のしかた

11と11を11でわって1と1

5と5を5でわって1と1

7と14を7でわって1と2

6

$$\begin{aligned}
 & \frac{5}{12} \div \frac{3}{11} \times \frac{2}{11} \\
 &= \frac{5 \times \overset{1}{\cancel{11}} \times \overset{1}{\cancel{2}}}{\underset{6}{\cancel{12}} \times 3 \times \underset{1}{\cancel{11}}} \\
 &= \frac{5}{18}
 \end{aligned}$$

参考 約分のしかた

11と11を11でわって1と1

2と12を2でわって1と6

7

$$\begin{aligned}
 & \frac{4}{5} \times \frac{3}{4} \div \frac{3}{10} \\
 &= \frac{\overset{1}{\cancel{4}} \times \overset{1}{\cancel{3}} \times \overset{2}{\cancel{10}}}{\underset{1}{\cancel{5}} \times \underset{1}{\cancel{4}} \times \underset{1}{\cancel{3}}} \\
 &= \frac{2}{1} \\
 &= 2
 \end{aligned}$$

参考 約分のしかた

4と4を4でわって1と1

3と3を3でわって1と1

10と5を5でわって2と1

8

$$\begin{aligned}
 & 2\frac{1}{4} \times 1\frac{7}{8} \div 2\frac{1}{2} \\
 &= \frac{9 \times \overset{3}{\cancel{15}} \times \overset{1}{\cancel{2}}}{\underset{2}{\cancel{4}} \times \underset{1}{\cancel{8}} \times \underset{1}{\cancel{5}}} \\
 &= \frac{27}{16} \\
 &= 1\frac{11}{16}
 \end{aligned}$$

参考 約分のしかた

15と5を5でわって3と1

2と4を2でわって1と2

9

$$1\frac{1}{8} \times \frac{8}{9} \times \frac{4}{11}$$

10

$$\frac{11}{13} \div \frac{2}{13} \div \frac{11}{15}$$

11

$$\frac{7}{10} \div 2\frac{3}{5} \div \frac{1}{6}$$

12

$$\frac{1}{2} \div \frac{4}{5} \times 1\frac{1}{11}$$

9

$$\begin{aligned} & 1\frac{1}{8} \times \frac{8}{9} \times \frac{4}{11} \\ &= \frac{\overset{1}{\cancel{8}} \times \overset{1}{\cancel{8}} \times 4}{\underset{1}{\cancel{8}} \times \underset{1}{\cancel{9}} \times 11} \\ &= \frac{4}{11} \end{aligned}$$

参考 約分のしかた

9と9を9でわって1と1

8と8を8でわって1と1

10

$$\begin{aligned} & \frac{11}{13} \div \frac{2}{13} \div \frac{11}{15} \\ &= \frac{\overset{1}{\cancel{11}} \times \overset{1}{\cancel{13}} \times 15}{\underset{1}{\cancel{13}} \times 2 \times \underset{1}{\cancel{11}}} \\ &= \frac{15}{2} \\ &= 7\frac{1}{2} \end{aligned}$$

参考 約分のしかた

11と11を11でわって1と1

13と13を13でわって1と1

11

$$\begin{aligned} & \frac{7}{10} \div 2\frac{3}{5} \div \frac{1}{6} \\ &= \frac{7 \times \overset{1}{\cancel{5}} \times 6}{\underset{2}{\cancel{10}} \times 13 \times 1} \\ &= \frac{7 \times 1 \times \overset{3}{\cancel{6}}}{\underset{1}{\cancel{2}} \times 13 \times 1} \\ &= \frac{21}{13} \\ &= 1\frac{8}{13} \end{aligned}$$

参考 約分のしかた

5と10を5でわって1と2

6と2を2でわって3と1

12

$$\begin{aligned} & \frac{1}{2} \div \frac{4}{5} \times 1\frac{1}{11} \\ &= \frac{1 \times 5 \times \overset{3}{\cancel{12}}}{2 \times \underset{1}{\cancel{4}} \times 11} \\ &= \frac{15}{22} \end{aligned}$$

参考 約分のしかた

12と4を4でわって3と1

13

$$\frac{8}{13} \times \frac{5}{8} \div \frac{10}{13}$$

14

$$5 \div 1\frac{1}{9} \div 4\frac{1}{3}$$

15

$$\frac{4}{7} \div 7 \div \frac{3}{14}$$

16

$$1\frac{2}{13} \div \frac{6}{11} \div 5$$

13

$$\begin{aligned} & \frac{8}{13} \times \frac{5}{8} \div \frac{10}{13} \\ &= \frac{\overset{1}{\cancel{8}} \times \overset{1}{\cancel{5}} \times \overset{1}{\cancel{13}}}{\underset{1}{\cancel{13}} \times \underset{1}{\cancel{8}} \times \underset{2}{\cancel{10}}} \\ &= \frac{1}{2} \end{aligned}$$

参考 約分のしかた

8と8を8でわって1と1

5と10を5でわって1と2

13と13を13でわって1と1

14

$$\begin{aligned} & 5 \div 1\frac{1}{9} \div 4\frac{1}{3} \\ &= \frac{\overset{1}{\cancel{5}} \times \overset{1}{\cancel{9}} \times 3}{1 \times \underset{2}{\cancel{10}} \times 13} \\ &= \frac{27}{26} \\ &= 1\frac{1}{26} \end{aligned}$$

参考 約分のしかた

5と10を5でわって1と2

15

$$\begin{aligned} & \frac{4}{7} \div 7 \div \frac{3}{14} \\ &= \frac{4 \times 1 \times \overset{2}{\cancel{14}}}{\underset{1}{\cancel{7}} \times 7 \times 3} \\ &= \frac{8}{21} \end{aligned}$$

参考 約分のしかた

14と7を7でわって2と1

16

$$\begin{aligned} & 1\frac{2}{13} \div \frac{6}{11} \div 5 \\ &= \frac{\overset{3}{\cancel{15}} \times 11 \times 1}{13 \times 6 \times \underset{1}{\cancel{5}}} \\ &= \frac{\overset{1}{\cancel{3}} \times 11 \times 1}{13 \times \underset{2}{\cancel{6}} \times 1} \\ &= \frac{11}{26} \end{aligned}$$

参考 約分のしかた

15と5を5でわって3と1

3と6を3でわって1と2

17

$$2\frac{1}{2} \times 2\frac{2}{3} \div 3$$

18

$$\frac{6}{11} \times 6\frac{1}{2} \times 1\frac{5}{6}$$

19

$$\frac{1}{5} \div \frac{6}{7} \div \frac{7}{10}$$

20

$$\frac{6}{7} \div \frac{6}{7} \div 4$$

17

$$\begin{aligned}
 & 2\frac{1}{2} \times 2\frac{2}{3} \div 3 \\
 &= \frac{5 \times \overset{4}{\cancel{8}} \times 1}{\underset{1}{\cancel{2}} \times 3 \times 3} \\
 &= \frac{20}{9} \\
 &= 2\frac{2}{9}
 \end{aligned}$$

参考 約分のしかた
8と2を2でわって4と1

18

$$\begin{aligned}
 & \frac{6}{11} \times 6\frac{1}{2} \times 1\frac{5}{6} \\
 &= \frac{\underset{1}{\cancel{6}} \times 13 \times \overset{1}{\cancel{11}}}{\overset{1}{\cancel{11}} \times 2 \times \underset{1}{\cancel{6}}} \\
 &= \frac{13}{2} \\
 &= 6\frac{1}{2}
 \end{aligned}$$

参考 約分のしかた
6と6を6でわって1と1
11と11を11でわって1と1

19

$$\begin{aligned}
 & \frac{1}{5} \div \frac{6}{7} \div \frac{7}{10} \\
 &= \frac{1 \times \overset{1}{\cancel{7}} \times \overset{2}{\cancel{10}}}{\underset{1}{\cancel{5}} \times 6 \times \overset{1}{\cancel{7}}} \\
 &= \frac{1 \times 1 \times \overset{1}{\cancel{2}}}{1 \times \underset{3}{\cancel{6}} \times 1} \\
 &= \frac{1}{3}
 \end{aligned}$$

参考 約分のしかた
7と7を7でわって1と1
10と5を5でわって2と1
2と6を2でわって1と3

20

$$\begin{aligned}
 & \frac{6}{7} \div \frac{6}{7} \div 4 \\
 &= \frac{\overset{1}{\cancel{6}} \times \overset{1}{\cancel{7}} \times 1}{\overset{1}{\cancel{7}} \times \underset{1}{\cancel{6}} \times 4} \\
 &= \frac{1}{4}
 \end{aligned}$$

参考 約分のしかた
6と6を6でわって1と1
7と7を7でわって1と1

①

$$2\frac{1}{2} \times \frac{1}{5} \times 2\frac{2}{5}$$

②

$$2\frac{2}{3} \times \frac{4}{13} \times \frac{13}{14}$$

③

$$\frac{5}{12} \div 1\frac{1}{6} \div \frac{3}{10}$$

④

$$\frac{7}{8} \times \frac{2}{3} \times 1\frac{4}{7}$$

①

$$\begin{aligned} & 2\frac{1}{2} \times \frac{1}{5} \times 2\frac{2}{5} \\ &= \frac{\overset{1}{\cancel{5}} \times 1 \times \overset{6}{\cancel{12}}}{\underset{1}{\cancel{2}} \times \underset{1}{\cancel{5}} \times 5} \\ &= \frac{6}{5} \\ &= 1\frac{1}{5} \end{aligned}$$

参考 約分のしかた

5と5を5でわって1と1
12と2を2でわって6と1

②

$$\begin{aligned} & 2\frac{2}{3} \times \frac{4}{13} \times \frac{13}{14} \\ &= \frac{\overset{4}{\cancel{8}} \times 4 \times \overset{1}{\cancel{13}}}{3 \times \underset{1}{\cancel{13}} \times \underset{7}{\cancel{14}}} \\ &= \frac{16}{21} \end{aligned}$$

参考 約分のしかた

8と14を2でわって4と7
13と13を13でわって1と1

③

$$\begin{aligned} & \frac{5}{12} \div 1\frac{1}{6} \div \frac{3}{10} \\ &= \frac{5 \times 6 \times \overset{5}{\cancel{10}}}{\underset{6}{\cancel{12}} \times 7 \times 3} \\ &= \frac{5 \times \overset{1}{\cancel{6}} \times 5}{\underset{1}{\cancel{6}} \times 7 \times 3} \\ &= \frac{25}{21} \\ &= 1\frac{4}{21} \end{aligned}$$

参考 約分のしかた

10と12を2でわって5と6
6と6を6でわって1と1

④

$$\begin{aligned} & \frac{7}{8} \times \frac{2}{3} \times 1\frac{4}{7} \\ &= \frac{\overset{1}{\cancel{7}} \times \overset{1}{\cancel{2}} \times 11}{\underset{4}{\cancel{8}} \times 3 \times \underset{1}{\cancel{7}}} \\ &= \frac{11}{12} \end{aligned}$$

参考 約分のしかた

7と7を7でわって1と1
2と8を2でわって1と4

5

$$\frac{5}{8} \div 1\frac{1}{12} \times 2\frac{2}{3}$$

6

$$4\frac{1}{2} \div 2\frac{3}{4} \div 2\frac{1}{4}$$

7

$$1\frac{1}{3} \times \frac{3}{11} \div 1\frac{3}{11}$$

8

$$4\frac{1}{3} \div 1\frac{4}{5} \times \frac{5}{13}$$

5

$$\begin{aligned} & \frac{5}{8} \div 1\frac{1}{12} \times 2\frac{2}{3} \\ &= \frac{5 \times \overset{4}{\cancel{12}} \times \overset{1}{\cancel{8}}}{\underset{1}{\cancel{8}} \times \underset{1}{\cancel{13}} \times \underset{1}{\cancel{3}}} \\ &= \frac{20}{13} \\ &= 1\frac{7}{13} \end{aligned}$$

参考 約分のしかた

12と3を3でわって4と1

8と8を8でわって1と1

6

$$\begin{aligned} & 4\frac{1}{2} \div 2\frac{3}{4} \div 2\frac{1}{4} \\ &= \frac{\overset{1}{\cancel{9}} \times \overset{2}{\cancel{4}} \times 4}{\underset{1}{\cancel{2}} \times \underset{1}{\cancel{11}} \times \underset{1}{\cancel{4}}} \\ &= \frac{8}{11} \end{aligned}$$

参考 約分のしかた

9と9を9でわって1と1

4と2を2でわって2と1

7

$$\begin{aligned} & 1\frac{1}{3} \times \frac{3}{11} \div 1\frac{3}{11} \\ &= \frac{\overset{2}{\cancel{4}} \times \overset{1}{\cancel{3}} \times \overset{1}{\cancel{11}}}{\underset{1}{\cancel{3}} \times \underset{1}{\cancel{11}} \times \underset{7}{\cancel{14}}} \\ &= \frac{2}{7} \end{aligned}$$

参考 約分のしかた

4と14を2でわって2と7

3と3を3でわって1と1

11と11を11でわって1と1

8

$$\begin{aligned} & 4\frac{1}{3} \div 1\frac{4}{5} \times \frac{5}{13} \\ &= \frac{\overset{1}{\cancel{13}} \times 5 \times 5}{\underset{1}{\cancel{3}} \times \underset{1}{\cancel{9}} \times \underset{1}{\cancel{13}}} \\ &= \frac{25}{27} \end{aligned}$$

参考 約分のしかた

13と13を13でわって1と1

9

$$1\frac{1}{10} \times \frac{2}{11} \times 6\frac{1}{2}$$

10

$$\frac{2}{5} \times 3\frac{2}{3} \div \frac{1}{5}$$

11

$$3\frac{2}{3} \times \frac{1}{3} \div 3\frac{2}{3}$$

12

$$\frac{3}{5} \times \frac{5}{9} \times 1\frac{3}{5}$$

9

$$\begin{aligned}
 & 1\frac{1}{10} \times \frac{2}{11} \times 6\frac{1}{2} \\
 &= \frac{\cancel{7}^1 \times \cancel{2}^1 \times 13}{\cancel{10}^5 \times \cancel{11}^1 \times 2} \\
 &= \frac{13}{10} \\
 &= 1\frac{3}{10}
 \end{aligned}$$

参考 約分のしかた

11と11を11でわって1と1

2と10を2でわって1と5

10

$$\begin{aligned}
 & \frac{2}{5} \times 3\frac{2}{3} \div \frac{1}{5} \\
 &= \frac{2 \times 11 \times \cancel{5}^1}{\cancel{5}^1 \times 3 \times 1} \\
 &= \frac{22}{3} \\
 &= 7\frac{1}{3}
 \end{aligned}$$

参考 約分のしかた

5と5を5でわって1と1

11

$$\begin{aligned}
 & 3\frac{2}{3} \times \frac{1}{3} \div 3\frac{2}{3} \\
 &= \frac{\cancel{7}^1 \times 1 \times \cancel{3}^1}{\cancel{3}^1 \times 3 \times \cancel{7}^1} \\
 &= \frac{1}{3}
 \end{aligned}$$

参考 約分のしかた

11と11を11でわって1と1

3と3を3でわって1と1

12

$$\begin{aligned}
 & \frac{3}{5} \times \frac{5}{9} \times 1\frac{3}{5} \\
 &= \frac{\cancel{3}^1 \times \cancel{5}^1 \times 8}{\cancel{5}^1 \times \cancel{9}^3 \times 5} \\
 &= \frac{8}{15}
 \end{aligned}$$

参考 約分のしかた

3と9を3でわって1と3

5と5を5でわって1と1

13

$$\frac{4}{7} \times 1\frac{2}{3} \times \frac{1}{5}$$

14

$$\frac{3}{10} \times 1\frac{1}{6} \times \frac{3}{7}$$

15

$$1\frac{3}{4} \div \frac{4}{11} \div 1\frac{3}{8}$$

16

$$\frac{13}{14} \div \frac{13}{14} \div \frac{11}{13}$$

13

$$\frac{4}{7} \times 1\frac{2}{3} \times \frac{1}{5}$$

$$= \frac{4 \times \overset{1}{\cancel{5}} \times 1}{7 \times 3 \times \underset{1}{\cancel{5}}}$$

$$= \frac{4}{21}$$

参考 約分のしかた
5と5を5でわって1と1

14

$$\frac{3}{10} \times 1\frac{1}{6} \times \frac{3}{7}$$

$$= \frac{\overset{1}{\cancel{3}} \times \overset{1}{\cancel{7}} \times 3}{10 \times \underset{2}{\cancel{6}} \times \underset{1}{\cancel{7}}}$$

$$= \frac{3}{20}$$

参考 約分のしかた
3と6を3でわって1と2
7と7を7でわって1と1

15

$$1\frac{3}{4} \div \frac{4}{11} \div 1\frac{3}{8}$$

$$= \frac{7 \times \overset{1}{\cancel{11}} \times \overset{4}{\cancel{8}}}{4 \times \underset{2}{\cancel{4}} \times \underset{1}{\cancel{11}}}$$

$$= \frac{7 \times 1 \times \overset{1}{\cancel{4}}}{\underset{1}{\cancel{4}} \times 2 \times 1}$$

$$= \frac{7}{2}$$

$$= 3\frac{1}{2}$$

参考 約分のしかた
11と11を11でわって1と1
8と4を4でわって2と2
4と4を4でわって1と1

16

$$\frac{13}{14} \div \frac{13}{14} \div \frac{11}{13}$$

$$= \frac{\overset{1}{\cancel{13}} \times \overset{1}{\cancel{14}} \times 13}{\underset{1}{\cancel{14}} \times \underset{1}{\cancel{13}} \times 11}$$

$$= \frac{13}{11}$$

$$= 1\frac{2}{11}$$

参考 約分のしかた
13と13を13でわって1と1
14と14を14でわって1と1

17

$$\frac{2}{9} \div 1\frac{5}{9} \div 1\frac{6}{7}$$

18

$$\frac{5}{14} \div \frac{3}{7} \div 1\frac{1}{9}$$

19

$$\frac{5}{6} \times \frac{8}{15} \div 6$$

20

$$\frac{7}{12} \div \frac{2}{5} \div 1\frac{2}{3}$$

17

$$\begin{aligned} & \frac{2}{9} \div 1\frac{5}{9} \div 1\frac{6}{7} \\ &= \frac{2 \times \cancel{9} \times \cancel{7}}{\cancel{9} \times \cancel{14} \times 13} \\ &= \frac{\cancel{2} \times 1 \times 1}{1 \times \cancel{2} \times 13} \\ &= \frac{1}{13} \end{aligned}$$

参考 約分のしかた

- 9と9を9でわって1と1
- 7と14を7でわって1と2
- 2と2を2でわって1と1

18

$$\begin{aligned} & \frac{5}{14} \div \frac{3}{7} \div 1\frac{1}{9} \\ &= \frac{\cancel{5} \times \cancel{7} \times \cancel{9}^3}{\cancel{14} \times \cancel{3} \times \cancel{10}^2} \\ &= \frac{3}{4} \end{aligned}$$

参考 約分のしかた

- 5と10を5でわって1と2
- 7と14を7でわって1と2
- 9と3を3でわって3と1

19

$$\begin{aligned} & \frac{5}{6} \times \frac{8}{15} \div 6 \\ &= \frac{\cancel{5} \times \cancel{8}^4 \times 1}{6 \times \cancel{15} \times \cancel{6}^3} \\ &= \frac{1 \times \cancel{4}^2 \times 1}{\cancel{6} \times 3 \times 3} \\ &= \frac{2}{27} \end{aligned}$$

参考 約分のしかた

- 5と15を5でわって1と3
- 8と6を2でわって4と3
- 4と6を2でわって2と3

20

$$\begin{aligned} & \frac{7}{12} \div \frac{2}{5} \div 1\frac{2}{3} \\ &= \frac{7 \times \cancel{5} \times \cancel{3}}{\cancel{12} \times 2 \times \cancel{5}} \\ &= \frac{7}{8} \end{aligned}$$

参考 約分のしかた

- 5と5を5でわって1と1
- 3と12を3でわって1と4

①

$$4\frac{2}{3} \times \frac{3}{4} \times \frac{3}{10}$$

②

$$\frac{5}{6} \times \frac{4}{5} \times 2\frac{1}{3}$$

③

$$2 \div \frac{2}{7} \div \frac{14}{15}$$

④

$$1\frac{5}{7} \div \frac{6}{11} \times \frac{5}{11}$$

①

$$\begin{aligned}
& 4\frac{2}{3} \times \frac{3}{4} \times \frac{3}{10} \\
&= \frac{\overset{7}{\cancel{14}} \times \overset{1}{\cancel{3}} \times 3}{\underset{1}{\cancel{3}} \times \underset{2}{\cancel{4}} \times 10} \\
&= \frac{21}{20} \\
&= 1\frac{1}{20}
\end{aligned}$$

参考 約分のしかた

14と4を2でわって7と2

3と3を3でわって1と1

②

$$\begin{aligned}
& \frac{5}{6} \times \frac{4}{5} \times 2\frac{1}{3} \\
&= \frac{\overset{1}{\cancel{5}} \times \overset{2}{\cancel{4}} \times 7}{\underset{3}{\cancel{6}} \times \underset{1}{\cancel{5}} \times 3} \\
&= \frac{14}{9} \\
&= 1\frac{5}{9}
\end{aligned}$$

参考 約分のしかた

5と5を5でわって1と1

4と6を2でわって2と3

③

$$\begin{aligned}
& 2 \div \frac{2}{7} \div \frac{14}{15} \\
&= \frac{\overset{1}{\cancel{2}} \times \overset{1}{\cancel{7}} \times 15}{1 \times \underset{1}{\cancel{2}} \times \underset{2}{\cancel{14}}} \\
&= \frac{15}{2} \\
&= 7\frac{1}{2}
\end{aligned}$$

参考 約分のしかた

2と2を2でわって1と1

7と14を7でわって1と2

④

$$\begin{aligned}
& 1\frac{5}{7} \div \frac{6}{11} \times \frac{5}{11} \\
&= \frac{\overset{2}{\cancel{12}} \times \overset{1}{\cancel{11}} \times 5}{7 \times \underset{1}{\cancel{6}} \times \underset{1}{\cancel{11}}} \\
&= \frac{10}{7} \\
&= 1\frac{3}{7}
\end{aligned}$$

参考 約分のしかた

12と6を6でわって2と1

11と11を11でわって1と1

5

$$1\frac{2}{5} \div 1\frac{1}{10} \div \frac{5}{11}$$

6

$$\frac{6}{13} \times 7 \times \frac{3}{7}$$

7

$$\frac{4}{9} \times \frac{1}{2} \div \frac{1}{6}$$

8

$$1\frac{2}{3} \div \frac{2}{3} \times \frac{2}{7}$$

5

$$\begin{aligned}
 & 1\frac{2}{5} \div 1\frac{1}{10} \div \frac{5}{11} \\
 &= \frac{7 \times \cancel{10}^2 \times \cancel{11}}{\cancel{5} \times \cancel{11} \times 5} \\
 &= \frac{14}{5} \\
 &= 2\frac{4}{5}
 \end{aligned}$$

参考 約分のしかた

10と5を5でわって2と1

11と11を11でわって1と1

6

$$\begin{aligned}
 & \frac{6}{13} \times 7 \times \frac{3}{7} \\
 &= \frac{6 \times \cancel{7} \times 3}{13 \times 1 \times \cancel{7}} \\
 &= \frac{18}{13} \\
 &= 1\frac{5}{13}
 \end{aligned}$$

参考 約分のしかた

7と7を7でわって1と1

7

$$\begin{aligned}
 & \frac{4}{9} \times \frac{1}{2} \div \frac{1}{6} \\
 &= \frac{\cancel{4}^2 \times 1 \times \cancel{6}^2}{\cancel{9} \times \cancel{2} \times 1} \\
 &= \frac{4}{3} \\
 &= 1\frac{1}{3}
 \end{aligned}$$

参考 約分のしかた

4と2を2でわって2と1

6と9を3でわって2と3

8

$$\begin{aligned}
 & 1\frac{2}{3} \div \frac{2}{3} \times \frac{2}{7} \\
 &= \frac{5 \times \cancel{3} \times \cancel{2}}{\cancel{3} \times \cancel{2} \times 7} \\
 &= \frac{5}{7}
 \end{aligned}$$

参考 約分のしかた

3と3を3でわって1と1

2と2を2でわって1と1

9

$$3\frac{1}{3} \div \frac{2}{3} \times \frac{8}{15}$$

10

$$\frac{4}{11} \div \frac{2}{13} \times \frac{1}{4}$$

11

$$4\frac{1}{2} \times \frac{2}{13} \times \frac{5}{6}$$

12

$$1\frac{3}{5} \times 1\frac{1}{7} \div \frac{8}{15}$$

9

$$\begin{aligned} & 3\frac{1}{3} \div \frac{2}{3} \times \frac{8}{15} \\ &= \frac{\overset{2}{\cancel{10}} \times \overset{1}{\cancel{3}} \times \overset{4}{\cancel{8}}}{\underset{1}{\cancel{3}} \times \underset{1}{\cancel{2}} \times \underset{3}{\cancel{15}}} \\ &= \frac{8}{3} \\ &= 2\frac{2}{3} \end{aligned}$$

参考 約分のしかた

10と15を5でわって2と3

3と3を3でわって1と1

8と2を2でわって4と1

10

$$\begin{aligned} & \frac{4}{11} \div \frac{2}{13} \times \frac{1}{4} \\ &= \frac{\overset{1}{\cancel{4}} \times \overset{1}{13} \times \overset{1}{1}}{\underset{1}{11} \times \underset{1}{2} \times \underset{1}{\cancel{4}}} \\ &= \frac{13}{22} \end{aligned}$$

参考 約分のしかた

4と4を4でわって1と1

11

$$\begin{aligned} & 4\frac{1}{2} \times \frac{2}{13} \times \frac{5}{6} \\ &= \frac{\overset{3}{\cancel{4}} \times \overset{1}{\cancel{2}} \times \overset{1}{5}}{\underset{1}{\cancel{2}} \times \underset{1}{13} \times \underset{2}{\cancel{6}}} \\ &= \frac{15}{26} \end{aligned}$$

参考 約分のしかた

9と6を3でわって3と2

2と2を2でわって1と1

12

$$\begin{aligned} & 1\frac{3}{5} \times 1\frac{1}{7} \div \frac{8}{15} \\ &= \frac{\overset{1}{\cancel{8}} \times \overset{1}{8} \times \overset{3}{\cancel{15}}}{\underset{1}{\cancel{5}} \times \underset{1}{7} \times \underset{1}{\cancel{8}}} \\ &= \frac{24}{7} \\ &= 3\frac{3}{7} \end{aligned}$$

参考 約分のしかた

8と8を8でわって1と1

15と5を5でわって3と1

13

$$2\frac{1}{5} \div 4 \div \frac{5}{8}$$

14

$$\frac{5}{6} \times 3\frac{1}{2} \times \frac{5}{7}$$

15

$$1\frac{3}{5} \div \frac{1}{7} \div 3\frac{1}{2}$$

16

$$2\frac{2}{5} \times \frac{10}{13} \div 1\frac{1}{11}$$

13

$$\begin{aligned}
 & 2\frac{1}{5} \div 4 \div \frac{5}{8} \\
 &= \frac{11 \times 1 \times \overset{2}{\cancel{8}}}{5 \times \underset{1}{\cancel{4}} \times 5} \\
 &= \frac{22}{25}
 \end{aligned}$$

参考 約分のしかた
8と4を4でわって2と1

14

$$\begin{aligned}
 & \frac{5}{6} \times 3\frac{1}{2} \times \frac{5}{7} \\
 &= \frac{5 \times \overset{1}{\cancel{7}} \times 5}{6 \times 2 \times \underset{1}{\cancel{7}}} \\
 &= \frac{25}{12} \\
 &= 2\frac{1}{12}
 \end{aligned}$$

参考 約分のしかた
7と7を7でわって1と1

15

$$\begin{aligned}
 & 1\frac{3}{5} \div \frac{1}{7} \div 3\frac{1}{2} \\
 &= \frac{8 \times \overset{1}{\cancel{7}} \times 2}{5 \times 1 \times \underset{1}{\cancel{7}}} \\
 &= \frac{16}{5} \\
 &= 3\frac{1}{5}
 \end{aligned}$$

参考 約分のしかた
7と7を7でわって1と1

16

$$\begin{aligned}
 & 2\frac{2}{5} \times \frac{10}{13} \div 1\frac{1}{11} \\
 &= \frac{\overset{1}{\cancel{12}} \times \overset{2}{\cancel{10}} \times 11}{5 \times 13 \times \underset{1}{\cancel{12}}} \\
 &= \frac{22}{13} \\
 &= 1\frac{9}{13}
 \end{aligned}$$

参考 約分のしかた
12と12を12でわって1と1
10と5を5でわって2と1

17

$$1\frac{1}{13} \times 5 \times \frac{3}{14}$$

18

$$\frac{4}{9} \div \frac{9}{13} \div 2\frac{1}{6}$$

19

$$\frac{3}{7} \div \frac{6}{13} \times 4\frac{2}{3}$$

20

$$3\frac{1}{3} \times 3 \times \frac{7}{15}$$

17

$$\begin{aligned}
 & 1\frac{1}{13} \times 5 \times \frac{3}{14} \\
 &= \frac{\cancel{14}^1 \times 5 \times 3}{13 \times \cancel{1} \times \cancel{14}_1} \\
 &= \frac{15}{13} \\
 &= 1\frac{2}{13}
 \end{aligned}$$

参考 約分のしかた
 14と14を14でわって1と1

18

$$\begin{aligned}
 & \frac{4}{9} \div \frac{9}{13} \div 2\frac{1}{6} \\
 &= \frac{4 \times \cancel{13}^1 \times \cancel{6}^2}{\cancel{9}^3 \times 9 \times \cancel{13}_1} \\
 &= \frac{8}{27}
 \end{aligned}$$

参考 約分のしかた
 13と13を13でわって1と1
 6と9を3でわって2と3

19

$$\begin{aligned}
 & \frac{3}{7} \div \frac{6}{13} \times 4\frac{2}{3} \\
 &= \frac{3 \times 13 \times \cancel{14}^7}{7 \times \cancel{6}^3 \times 3} \\
 &= \frac{\cancel{3}^1 \times 13 \times \cancel{7}^1}{\cancel{7}^1 \times \cancel{3}^3 \times 3} \\
 &= \frac{13}{3} \\
 &= 4\frac{1}{3}
 \end{aligned}$$

参考 約分のしかた
 14と6を2でわって7と3
 3と3を3でわって1と1
 7と7を7でわって1と1

20

$$\begin{aligned}
 & 3\frac{1}{3} \times 3 \times \frac{7}{15} \\
 &= \frac{\cancel{10}^2 \times \cancel{3}^1 \times 7}{\cancel{3}^1 \times \cancel{1} \times \cancel{15}_3} \\
 &= \frac{14}{3} \\
 &= 4\frac{2}{3}
 \end{aligned}$$

参考 約分のしかた
 10と15を5でわって2と3
 3と3を3でわって1と1

①

$$1\frac{1}{3} \div 2\frac{1}{2} \div \frac{7}{15}$$

②

$$\frac{13}{15} \div 6 \times \frac{3}{13}$$

③

$$1\frac{3}{11} \div 7 \div \frac{3}{11}$$

④

$$1\frac{6}{7} \div \frac{13}{14} \div 2\frac{1}{2}$$

1

$$\begin{aligned}
& 1\frac{1}{3} \div 2\frac{1}{2} \div \frac{7}{15} \\
&= \frac{4 \times 2 \times \overset{3}{\cancel{15}}}{3 \times \underset{1}{\cancel{5}} \times 7} \\
&= \frac{4 \times 2 \times \overset{1}{\cancel{3}}}{\underset{1}{\cancel{3}} \times 1 \times 7} \\
&= \frac{8}{7} \\
&= 1\frac{1}{7}
\end{aligned}$$

参考 約分のしかた

15と5を5でわって3と1

3と3を3でわって1と1

2

$$\begin{aligned}
& \frac{13}{15} \div 6 \times \frac{3}{13} \\
&= \frac{\overset{1}{\cancel{13}} \times 1 \times \overset{1}{\cancel{3}}}{\underset{5}{\cancel{15}} \times 6 \times \underset{1}{\cancel{13}}} \\
&= \frac{1}{30}
\end{aligned}$$

参考 約分のしかた

13と13を13でわって1と1

3と15を3でわって1と5

3

$$\begin{aligned}
& 1\frac{3}{11} \div 7 \div \frac{3}{11} \\
&= \frac{\overset{2}{\cancel{14}} \times 1 \times \overset{1}{\cancel{11}}}{\underset{1}{\cancel{11}} \times 7 \times 3} \\
&= \frac{2}{3}
\end{aligned}$$

参考 約分のしかた

14と7を7でわって2と1

11と11を11でわって1と1

4

$$\begin{aligned}
& 1\frac{6}{7} \div \frac{13}{14} \div 2\frac{1}{2} \\
&= \frac{\overset{1}{\cancel{13}} \times \overset{2}{\cancel{14}} \times 2}{\underset{1}{\cancel{7}} \times \underset{1}{\cancel{13}} \times 5} \\
&= \frac{4}{5}
\end{aligned}$$

参考 約分のしかた

13と13を13でわって1と1

14と7を7でわって2と1

5

$$3\frac{2}{3} \times \frac{6}{11} \div 2\frac{1}{3}$$

6

$$\frac{5}{13} \times \frac{9}{10} \times \frac{2}{9}$$

7

$$\frac{4}{5} \div \frac{8}{9} \times 1\frac{1}{5}$$

8

$$1\frac{1}{5} \times \frac{5}{8} \times \frac{5}{9}$$

5

$$\begin{aligned}
 & 3\frac{2}{3} \times \frac{6}{11} \div 2\frac{1}{3} \\
 &= \frac{\overset{1}{\cancel{3}} \times \overset{2}{\cancel{6}} \times 3}{\underset{1}{\cancel{3}} \times \underset{1}{\cancel{11}} \times 7} \\
 &= \frac{6}{7}
 \end{aligned}$$

参考 約分のしかた

11と11を11でわって1と1

6と3を3でわって2と1

6

$$\begin{aligned}
 & \frac{5}{13} \times \frac{9}{10} \times \frac{2}{9} \\
 &= \frac{\overset{1}{\cancel{5}} \times \overset{1}{\cancel{9}} \times 2}{13 \times \underset{2}{\cancel{10}} \times \underset{1}{\cancel{9}}} \\
 &= \frac{1 \times 1 \times \overset{1}{\cancel{2}}}{13 \times \underset{1}{\cancel{2}} \times 1} \\
 &= \frac{1}{13}
 \end{aligned}$$

参考 約分のしかた

5と10を5でわって1と2

9と9を9でわって1と1

2と2を2でわって1と1

7

$$\begin{aligned}
 & \frac{4}{5} \div \frac{8}{9} \times 1\frac{1}{5} \\
 &= \frac{4 \times 9 \times \overset{3}{\cancel{6}}}{5 \times \underset{4}{\cancel{8}} \times 5} \\
 &= \frac{\overset{1}{\cancel{4}} \times 9 \times 3}{5 \times \underset{1}{\cancel{4}} \times 5} \\
 &= \frac{27}{25} \\
 &= 1\frac{2}{25}
 \end{aligned}$$

参考 約分のしかた

6と8を2でわって3と4

4と4を4でわって1と1

8

$$\begin{aligned}
 & 1\frac{1}{5} \times \frac{5}{8} \times \frac{5}{9} \\
 &= \frac{\overset{2}{\cancel{6}} \times \overset{1}{\cancel{5}} \times 5}{\underset{1}{\cancel{5}} \times 8 \times \underset{3}{\cancel{9}}} \\
 &= \frac{\overset{1}{\cancel{2}} \times 1 \times 5}{1 \times \underset{4}{\cancel{8}} \times 3} \\
 &= \frac{5}{12}
 \end{aligned}$$

参考 約分のしかた

6と9を3でわって2と3

5と5を5でわって1と1

2と8を2でわって1と4

9

$$\frac{9}{14} \times \frac{7}{15} \times \frac{10}{11}$$

10

$$3\frac{1}{4} \times \frac{4}{7} \div 3$$

11

$$\frac{10}{13} \times 2\frac{1}{2} \times 1\frac{3}{10}$$

12

$$1\frac{1}{6} \times \frac{4}{7} \div 1\frac{4}{9}$$

9

$$\begin{aligned} & \frac{9}{14} \times \frac{7}{15} \times \frac{10}{11} \\ &= \frac{\overset{1}{\cancel{9}} \times \overset{1}{\cancel{7}} \times \overset{2}{\cancel{10}}}{\overset{2}{\cancel{14}} \times \overset{3}{\cancel{15}} \times 11} \\ &= \frac{\overset{3}{\cancel{9}} \times 1 \times \overset{1}{\cancel{2}}}{\overset{1}{\cancel{2}} \times \overset{1}{\cancel{3}} \times 11} \\ &= \frac{3}{11} \end{aligned}$$

参考 約分のしかた

7と14を7でわって1と2

10と15を5でわって2と3

9と3を3でわって3と1

2と2を2でわって1と1

10

$$\begin{aligned} & 3\frac{1}{4} \times \frac{4}{7} \div 3 \\ &= \frac{13 \times \overset{1}{\cancel{4}} \times 1}{\overset{1}{\cancel{4}} \times 7 \times 3} \\ &= \frac{13}{21} \end{aligned}$$

参考 約分のしかた

4と4を4でわって1と1

11

$$\begin{aligned} & \frac{10}{13} \times 2\frac{1}{2} \times 1\frac{3}{10} \\ &= \frac{\overset{1}{\cancel{10}} \times 5 \times \overset{1}{\cancel{13}}}{\overset{1}{\cancel{13}} \times 2 \times \overset{1}{\cancel{10}}} \\ &= \frac{5}{2} \\ &= 2\frac{1}{2} \end{aligned}$$

参考 約分のしかた

10と10を10でわって1と1

13と13を13でわって1と1

12

$$\begin{aligned} & 1\frac{1}{6} \times \frac{4}{7} \div 1\frac{4}{9} \\ &= \frac{\overset{1}{\cancel{7}} \times 4 \times \overset{3}{\cancel{9}}}{\overset{2}{\cancel{6}} \times \overset{1}{\cancel{7}} \times 13} \\ &= \frac{1 \times \overset{2}{\cancel{4}} \times 3}{\overset{1}{\cancel{2}} \times 1 \times 13} \\ &= \frac{6}{13} \end{aligned}$$

参考 約分のしかた

7と7を7でわって1と1

9と6を3でわって3と2

4と2を2でわって2と1

13

$$2\frac{3}{4} \div \frac{1}{2} \div 3\frac{1}{4}$$

14

$$1\frac{1}{14} \div 1\frac{1}{14} \div 1\frac{1}{6}$$

15

$$1\frac{2}{5} \times \frac{2}{3} \times 3\frac{1}{3}$$

16

$$2\frac{1}{4} \div \frac{2}{13} \times \frac{2}{9}$$

13

$$\begin{aligned}
 & 2\frac{3}{4} \div \frac{1}{2} \div 3\frac{1}{4} \\
 &= \frac{11 \times 2 \times \cancel{4}}{\cancel{4} \times 1 \times 13} \\
 &= \frac{22}{13} \\
 &= 1\frac{9}{13}
 \end{aligned}$$

参考 約分のしかた

4と4を4でわって1と1

14

$$\begin{aligned}
 & 1\frac{1}{14} \div 1\frac{1}{14} \div 1\frac{1}{6} \\
 &= \frac{\cancel{15} \times \cancel{14} \times 6}{\cancel{14} \times \cancel{15} \times 7} \\
 &= \frac{6}{7}
 \end{aligned}$$

参考 約分のしかた

15と15を15でわって1と1

14と14を14でわって1と1

15

$$\begin{aligned}
 & 1\frac{2}{5} \times \frac{2}{3} \times 3\frac{1}{3} \\
 &= \frac{7 \times 2 \times \cancel{10}}{\cancel{5} \times 3 \times 3} \\
 &= \frac{28}{9} \\
 &= 3\frac{1}{9}
 \end{aligned}$$

参考 約分のしかた

10と5を5でわって2と1

16

$$\begin{aligned}
 & 2\frac{1}{4} \div \frac{2}{13} \times \frac{2}{9} \\
 &= \frac{\cancel{9} \times 13 \times \cancel{2}}{\cancel{4} \times 2 \times \cancel{9}} \\
 &= \frac{13}{4} \\
 &= 3\frac{1}{4}
 \end{aligned}$$

参考 約分のしかた

9と9を9でわって1と1

2と4を2でわって1と2

17

$$1\frac{1}{4} \times 1\frac{3}{11} \div 1\frac{4}{11}$$

18

$$7 \times \frac{2}{15} \times 3\frac{1}{3}$$

19

$$7 \div 1\frac{1}{3} \div \frac{7}{9}$$

20

$$\frac{4}{9} \div \frac{8}{15} \times 1\frac{1}{11}$$

17

$$\begin{aligned}
& 1\frac{1}{4} \times 1\frac{3}{11} \div 1\frac{4}{11} \\
&= \frac{\overset{1}{\cancel{5}} \times \overset{7}{\cancel{14}} \times \overset{1}{\cancel{11}}}{\overset{2}{\cancel{4}} \times \overset{1}{\cancel{11}} \times \overset{3}{\cancel{15}}} \\
&= \frac{7}{6} \\
&= 1\frac{1}{6}
\end{aligned}$$

参考 約分のしかた

5と15を5でわって1と3

14と4を2でわって7と2

11と11を11でわって1と1

18

$$\begin{aligned}
& 7 \times \frac{2}{15} \times 3\frac{1}{3} \\
&= \frac{7 \times 2 \times \overset{2}{\cancel{10}}}{1 \times \overset{3}{\cancel{15}} \times 3} \\
&= \frac{28}{9} \\
&= 3\frac{1}{9}
\end{aligned}$$

参考 約分のしかた

10と15を5でわって2と3

19

$$\begin{aligned}
& 7 \div 1\frac{1}{3} \div \frac{7}{9} \\
&= \frac{\overset{1}{\cancel{7}} \times 3 \times 9}{1 \times 4 \times \overset{1}{\cancel{7}}} \\
&= \frac{27}{4} \\
&= 6\frac{3}{4}
\end{aligned}$$

参考 約分のしかた

7と7を7でわって1と1

20

$$\begin{aligned}
& \frac{4}{9} \div \frac{8}{15} \times 1\frac{1}{11} \\
&= \frac{\overset{1}{\cancel{4}} \times 15 \times \overset{4}{\cancel{12}}}{\overset{3}{\cancel{9}} \times \overset{2}{\cancel{8}} \times 11} \\
&= \frac{1 \times \overset{5}{\cancel{15}} \times \overset{2}{\cancel{4}}}{\overset{1}{\cancel{3}} \times \overset{1}{\cancel{2}} \times 11} \\
&= \frac{10}{11}
\end{aligned}$$

参考 約分のしかた

4と8を4でわって1と2

12と9を3でわって4と3

15と3を3でわって5と1

4と2を2でわって2と1

①

$$3\frac{1}{3} \times 2\frac{1}{2} \div 7\frac{1}{2}$$

②

$$\frac{7}{11} \times 1\frac{1}{3} \div \frac{2}{11}$$

③

$$\frac{13}{15} \times \frac{5}{13} \div \frac{5}{6}$$

④

$$2\frac{2}{5} \times \frac{2}{11} \div 2\frac{2}{5}$$

①

$$\begin{aligned}
& 3\frac{1}{3} \times 2\frac{1}{2} \div 7\frac{1}{2} \\
&= \frac{\overset{5}{\cancel{10}} \times \overset{1}{\cancel{5}} \times 2}{3 \times \underset{1}{\cancel{2}} \times \underset{3}{\cancel{15}}} \\
&= \frac{10}{9} \\
&= 1\frac{1}{9}
\end{aligned}$$

参考 約分のしかた

10と2を2でわって5と1

5と15を5でわって1と3

②

$$\begin{aligned}
& \frac{7}{11} \times 1\frac{1}{3} \div \frac{2}{11} \\
&= \frac{7 \times \overset{2}{\cancel{4}} \times \overset{1}{\cancel{11}}}{\underset{1}{\cancel{11}} \times 3 \times \underset{1}{\cancel{2}}} \\
&= \frac{14}{3} \\
&= 4\frac{2}{3}
\end{aligned}$$

参考 約分のしかた

4と2を2でわって2と1

11と11を11でわって1と1

③

$$\begin{aligned}
& \frac{13}{15} \times \frac{5}{13} \div \frac{5}{6} \\
&= \frac{\overset{1}{\cancel{13}} \times \overset{1}{\cancel{5}} \times \overset{2}{\cancel{6}}}{\underset{5}{\cancel{15}} \times \underset{1}{\cancel{13}} \times \underset{1}{\cancel{5}}} \\
&= \frac{2}{5}
\end{aligned}$$

参考 約分のしかた

13と13を13でわって1と1

5と5を5でわって1と1

6と15を3でわって2と5

④

$$\begin{aligned}
& 2\frac{2}{5} \times \frac{2}{11} \div 2\frac{2}{5} \\
&= \frac{\overset{1}{\cancel{12}} \times 2 \times \overset{1}{\cancel{5}}}{\underset{1}{\cancel{5}} \times 11 \times \underset{1}{\cancel{12}}} \\
&= \frac{2}{11}
\end{aligned}$$

参考 約分のしかた

12と12を12でわって1と1

5と5を5でわって1と1

5

$$\frac{2}{5} \div 3\frac{1}{2} \times \frac{5}{6}$$

6

$$\frac{9}{10} \times \frac{8}{13} \times 1\frac{1}{12}$$

7

$$5 \div 2\frac{3}{4} \times \frac{5}{8}$$

8

$$1\frac{3}{10} \div 1\frac{4}{11} \div 1\frac{1}{10}$$

5

$$\begin{aligned} & \frac{2}{5} \div 3\frac{1}{2} \times \frac{5}{6} \\ &= \frac{\overset{1}{\cancel{2}} \times 2 \times \overset{1}{\cancel{5}}}{\underset{1}{5} \times \underset{2}{7} \times \underset{3}{\cancel{6}}} \\ &= \frac{2}{21} \end{aligned}$$

参考 約分のしかた

2と6を2でわって1と3

5と5を5でわって1と1

6

$$\begin{aligned} & \frac{9}{10} \times \frac{8}{13} \times 1\frac{1}{12} \\ &= \frac{9 \times \overset{2}{\cancel{8}} \times \overset{1}{\cancel{12}}}{10 \times \overset{1}{\cancel{13}} \times \overset{3}{\cancel{12}}} \\ &= \frac{\overset{3}{\cancel{9}} \times \overset{1}{\cancel{2}} \times 1}{\underset{5}{10} \times 1 \times \underset{1}{\cancel{3}}} \\ &= \frac{3}{5} \end{aligned}$$

参考 約分のしかた

8と12を4でわって2と3

13と13を13でわって1と1

9と3を3でわって3と1

2と10を2でわって1と5

7

$$\begin{aligned} & 5 \div 2\frac{3}{4} \times \frac{5}{8} \\ &= \frac{5 \times \overset{1}{\cancel{4}} \times 5}{1 \times \underset{11}{11} \times \underset{2}{\cancel{8}}} \\ &= \frac{25}{22} \\ &= 1\frac{3}{22} \end{aligned}$$

参考 約分のしかた

4と8を4でわって1と2

8

$$\begin{aligned} & 1\frac{3}{10} \div 1\frac{4}{11} \div 1\frac{1}{10} \\ &= \frac{13 \times \overset{1}{\cancel{11}} \times \overset{1}{\cancel{10}}}{\underset{1}{10} \times \underset{15}{15} \times \overset{1}{\cancel{11}}} \\ &= \frac{13}{15} \end{aligned}$$

参考 約分のしかた

11と11を11でわって1と1

10と10を10でわって1と1

9

$$\frac{7}{8} \div 1\frac{1}{3} \div 1\frac{7}{8}$$

10

$$\frac{1}{4} \div \frac{3}{8} \div 2\frac{1}{4}$$

11

$$4\frac{1}{3} \times 1\frac{6}{7} \div 4\frac{1}{3}$$

12

$$\frac{10}{11} \times 2\frac{2}{3} \times \frac{9}{10}$$

9

$$\begin{aligned} & \frac{7}{8} \div 1\frac{1}{3} \div 1\frac{7}{8} \\ &= \frac{7 \times \overset{1}{\cancel{3}} \times \overset{1}{\cancel{8}}}{\overset{1}{\cancel{8}} \times 4 \times \overset{1}{\cancel{15}}_5} \\ &= \frac{7}{20} \end{aligned}$$

参考 約分のしかた
 3と15を3でわって1と5
 8と8を8でわって1と1

10

$$\begin{aligned} & \frac{1}{4} \div \frac{3}{8} \div 2\frac{1}{4} \\ &= \frac{1 \times \overset{2}{\cancel{8}} \times 4}{\overset{1}{\cancel{4}} \times 3 \times 9} \\ &= \frac{8}{27} \end{aligned}$$

参考 約分のしかた
 8と4を4でわって2と1

11

$$\begin{aligned} & 4\frac{1}{3} \times 1\frac{6}{7} \div 4\frac{1}{3} \\ &= \frac{\overset{1}{\cancel{13}} \times 13 \times \overset{1}{\cancel{3}}}{\overset{1}{\cancel{3}} \times 7 \times \overset{1}{\cancel{13}}} \\ &= \frac{13}{7} \\ &= 1\frac{6}{7} \end{aligned}$$

参考 約分のしかた
 13と13を13でわって1と1
 3と3を3でわって1と1

12

$$\begin{aligned} & \frac{10}{11} \times 2\frac{2}{3} \times \frac{9}{10} \\ &= \frac{\overset{1}{\cancel{10}} \times 8 \times \overset{3}{\cancel{9}}}{11 \times \overset{1}{\cancel{3}} \times \overset{1}{\cancel{10}}} \\ &= \frac{24}{11} \\ &= 2\frac{2}{11} \end{aligned}$$

参考 約分のしかた
 10と10を10でわって1と1
 9と3を3でわって3と1

13

$$\frac{12}{13} \times \frac{2}{9} \div \frac{2}{9}$$

14

$$\frac{4}{15} \times \frac{1}{2} \times \frac{3}{10}$$

15

$$1\frac{1}{2} \times \frac{4}{13} \times 1\frac{1}{12}$$

16

$$2 \div \frac{2}{11} \times \frac{2}{7}$$

13

$$\begin{aligned} & \frac{12}{13} \times \frac{2}{9} \div \frac{2}{9} \\ &= \frac{\overset{6}{\cancel{12}} \times \overset{1}{\cancel{2}} \times \overset{1}{\cancel{9}}}{13 \times \overset{1}{\cancel{9}} \times \overset{1}{\cancel{2}}} \\ &= \frac{12}{13} \end{aligned}$$

参考 約分のしかた

12と2を2でわって6と1

9と9を9でわって1と1

14

$$\begin{aligned} & \frac{4}{15} \times \frac{1}{2} \times \frac{3}{10} \\ &= \frac{\overset{2}{\cancel{4}} \times \overset{1}{\cancel{1}} \times \overset{1}{\cancel{3}}}{\overset{5}{\cancel{15}} \times \overset{1}{\cancel{2}} \times \overset{2}{\cancel{10}}} \\ &= \frac{\overset{1}{\cancel{2}} \times \overset{1}{\cancel{1}} \times \overset{1}{\cancel{1}}}{5 \times \overset{1}{\cancel{2}} \times 5} \\ &= \frac{1}{25} \end{aligned}$$

参考 約分のしかた

4と10を2でわって2と5

3と15を3でわって1と5

2と2を2でわって1と1

15

$$\begin{aligned} & 1\frac{1}{2} \times \frac{4}{13} \times 1\frac{1}{12} \\ &= \frac{\overset{1}{\cancel{3}} \times \overset{1}{\cancel{4}} \times \overset{1}{\cancel{13}}}{2 \times \overset{1}{\cancel{13}} \times \overset{4}{\cancel{12}}} \\ &= \frac{1 \times \overset{1}{\cancel{4}} \times 1}{2 \times 1 \times \overset{1}{\cancel{4}}} \\ &= \frac{1}{2} \end{aligned}$$

参考 約分のしかた

3と12を3でわって1と4

13と13を13でわって1と1

4と4を4でわって1と1

16

$$\begin{aligned} & 2 \div \frac{2}{11} \times \frac{2}{7} \\ &= \frac{\overset{1}{\cancel{2}} \times \overset{1}{\cancel{11}} \times 2}{1 \times \overset{1}{\cancel{2}} \times 7} \\ &= \frac{22}{7} \\ &= 3\frac{1}{7} \end{aligned}$$

参考 約分のしかた

2と2を2でわって1と1

17

$$\frac{2}{3} \times 3\frac{1}{3} \div 1\frac{1}{4}$$

18

$$\frac{2}{7} \times 1\frac{1}{13} \times 1\frac{1}{4}$$

19

$$\frac{13}{14} \div \frac{9}{13} \times \frac{9}{13}$$

20

$$\frac{3}{10} \div \frac{1}{2} \div \frac{9}{11}$$

17

$$\begin{aligned} & \frac{2}{3} \times 3\frac{1}{3} \div 1\frac{1}{4} \\ &= \frac{2 \times \overset{2}{\cancel{10}} \times 4}{3 \times 3 \times \underset{1}{\cancel{5}}} \\ &= \frac{16}{9} \\ &= 1\frac{7}{9} \end{aligned}$$

参考 約分のしかた
10と5を5でわって2と1

18

$$\begin{aligned} & \frac{2}{7} \times 1\frac{1}{13} \times 1\frac{1}{4} \\ &= \frac{2 \times \overset{7}{\cancel{14}} \times 5}{7 \times 13 \times \underset{2}{\cancel{4}}} \\ &= \frac{\underset{1}{\cancel{2}} \times \underset{1}{\cancel{7}} \times 5}{\underset{1}{\cancel{7}} \times 13 \times \underset{1}{\cancel{2}}} \\ &= \frac{5}{13} \end{aligned}$$

参考 約分のしかた
14と4を2でわって7と2
2と2を2でわって1と1
7と7を7でわって1と1

19

$$\begin{aligned} & \frac{13}{14} \div \frac{9}{13} \times \frac{9}{13} \\ &= \frac{\underset{1}{\cancel{13}} \times 13 \times \underset{1}{\cancel{9}}}{14 \times \underset{1}{\cancel{9}} \times \underset{1}{\cancel{13}}} \\ &= \frac{13}{14} \end{aligned}$$

参考 約分のしかた
13と13を13でわって1と1
9と9を9でわって1と1

20

$$\begin{aligned} & \frac{3}{10} \div \frac{1}{2} \div \frac{9}{11} \\ &= \frac{\underset{5}{\cancel{3}} \times \underset{1}{\cancel{2}} \times 11}{\underset{5}{\cancel{10}} \times 1 \times \underset{3}{\cancel{9}}} \\ &= \frac{11}{15} \end{aligned}$$

参考 約分のしかた
3と9を3でわって1と3
2と10を2でわって1と5

①

$$7\frac{1}{2} \div 1\frac{1}{3} \div 1\frac{1}{4}$$

②

$$1\frac{1}{5} \times 1\frac{5}{9} \div 3\frac{1}{3}$$

③

$$1\frac{3}{7} \div 1\frac{1}{7} \times \frac{1}{5}$$

④

$$\frac{10}{13} \times \frac{11}{12} \times \frac{6}{11}$$

①

$$\begin{aligned}
 & 7\frac{1}{2} \div 1\frac{1}{3} \div 1\frac{1}{4} \\
 &= \frac{\overset{3}{\cancel{15}} \times 3 \times \overset{1}{\cancel{4}}}{2 \times \overset{1}{\cancel{4}} \times \overset{1}{\cancel{5}}} \\
 &= \frac{9}{2} \\
 &= 4\frac{1}{2}
 \end{aligned}$$

参考 約分のしかた

15と5を5でわって3と1

4と4を4でわって1と1

②

$$\begin{aligned}
 & 1\frac{1}{5} \times 1\frac{5}{9} \div 3\frac{1}{3} \\
 &= \frac{\overset{2}{\cancel{6}} \times 14 \times 3}{5 \times \overset{3}{\cancel{9}} \times 10} \\
 &= \frac{\overset{1}{\cancel{2}} \times 14 \times \overset{1}{\cancel{3}}}{5 \times \overset{1}{\cancel{3}} \times \overset{1}{\cancel{10}}} \\
 &= \frac{14}{25}
 \end{aligned}$$

参考 約分のしかた

6と9を3でわって2と3

2と10を2でわって1と5

3と3を3でわって1と1

③

$$\begin{aligned}
 & 1\frac{3}{7} \div 1\frac{1}{7} \times \frac{1}{5} \\
 &= \frac{\overset{2}{\cancel{10}} \times \overset{1}{\cancel{7}} \times 1}{\overset{1}{\cancel{7}} \times 8 \times \overset{1}{\cancel{5}}} \\
 &= \frac{\overset{1}{\cancel{2}} \times 1 \times 1}{1 \times \overset{4}{\cancel{8}} \times 1} \\
 &= \frac{1}{4}
 \end{aligned}$$

参考 約分のしかた

10と5を5でわって2と1

7と7を7でわって1と1

2と8を2でわって1と4

④

$$\begin{aligned}
 & \frac{10}{13} \times \frac{11}{12} \times \frac{6}{11} \\
 &= \frac{10 \times \overset{1}{\cancel{11}} \times \overset{1}{\cancel{6}}}{13 \times \overset{2}{\cancel{12}} \times \overset{1}{\cancel{11}}} \\
 &= \frac{\overset{5}{\cancel{10}} \times 1 \times 1}{13 \times \overset{1}{\cancel{2}} \times 1} \\
 &= \frac{5}{13}
 \end{aligned}$$

参考 約分のしかた

11と11を11でわって1と1

6と12を6でわって1と2

10と2を2でわって5と1

5

$$\frac{2}{11} \times 3\frac{2}{3} \div \frac{10}{11}$$

6

$$\frac{3}{13} \div 1\frac{5}{6} \div \frac{9}{11}$$

7

$$\frac{11}{12} \times 3 \div \frac{3}{8}$$

8

$$\frac{14}{15} \div 7 \times 2\frac{2}{5}$$

5

$$\begin{aligned} & \frac{2}{11} \times 3\frac{2}{3} \div \frac{10}{11} \\ &= \frac{\overset{1}{\cancel{2}} \times \overset{1}{\cancel{11}} \times \overset{1}{11}}{\overset{1}{\cancel{11}} \times \overset{1}{3} \times \overset{2}{\cancel{10}}} \\ &= \frac{11}{15} \end{aligned}$$

参考 約分のしかた

2と10を2でわって1と5
11と11を11でわって1と1

6

$$\begin{aligned} & \frac{3}{13} \div 1\frac{5}{6} \div \frac{9}{11} \\ &= \frac{3 \times \overset{2}{\cancel{6}} \times \overset{1}{\cancel{11}}}{13 \times \overset{1}{\cancel{11}} \times \overset{3}{\cancel{9}}} \\ &= \frac{\overset{1}{\cancel{3}} \times 2 \times 1}{13 \times 1 \times \overset{1}{\cancel{3}}} \\ &= \frac{2}{13} \end{aligned}$$

参考 約分のしかた

6と9を3でわって2と3
11と11を11でわって1と1
3と3を3でわって1と1

7

$$\begin{aligned} & \frac{11}{12} \times 3 \div \frac{3}{8} \\ &= \frac{11 \times \overset{1}{\cancel{3}} \times \overset{2}{\cancel{8}}}{\overset{3}{\cancel{12}} \times 1 \times \overset{1}{\cancel{3}}} \\ &= \frac{22}{3} \\ &= 7\frac{1}{3} \end{aligned}$$

参考 約分のしかた

3と3を3でわって1と1
8と12を4でわって2と3

8

$$\begin{aligned} & \frac{14}{15} \div 7 \times 2\frac{2}{5} \\ &= \frac{\overset{2}{\cancel{14}} \times 1 \times \overset{4}{\cancel{12}}}{\overset{5}{\cancel{15}} \times \overset{1}{\cancel{7}} \times 5} \\ &= \frac{8}{25} \end{aligned}$$

参考 約分のしかた

14と7を7でわって2と1
12と15を3でわって4と5

9

$$\frac{5}{13} \times 1\frac{2}{11} \times \frac{11}{15}$$

10

$$7 \div 4\frac{1}{2} \times 2$$

11

$$1\frac{2}{9} \times 1\frac{4}{11} \div \frac{5}{9}$$

12

$$1\frac{1}{4} \div \frac{7}{15} \times \frac{7}{12}$$

9

$$\frac{5}{13} \times 1 \frac{2}{11} \times \frac{11}{15}$$

$$= \frac{\overset{1}{\cancel{5}} \times \overset{1}{\cancel{13}} \times \overset{1}{\cancel{11}}}{\overset{1}{\cancel{13}} \times \overset{1}{\cancel{11}} \times \overset{3}{\cancel{15}}}$$

$$= \frac{1}{3}$$

参考 約分のしかた

5と15を5でわって1と3

13と13を13でわって1と1

11と11を11でわって1と1

10

$$7 \div 4 \frac{1}{2} \times 2$$

$$= \frac{7 \times 2 \times 2}{1 \times 9 \times 1}$$

$$= \frac{28}{9}$$

$$= 3 \frac{1}{9}$$

11

$$1 \frac{2}{9} \times 1 \frac{4}{11} \div \frac{5}{9}$$

$$= \frac{\overset{1}{\cancel{11}} \times \overset{3}{\cancel{15}} \times \overset{1}{\cancel{9}}}{\overset{1}{\cancel{9}} \times \overset{1}{\cancel{11}} \times \overset{1}{\cancel{5}}}$$

$$= \frac{3}{1}$$

$$= 3$$

参考 約分のしかた

11と11を11でわって1と1

15と5を5でわって3と1

9と9を9でわって1と1

12

$$1 \frac{1}{4} \div \frac{7}{15} \times \frac{7}{12}$$

$$= \frac{5 \times \overset{5}{\cancel{15}} \times \overset{1}{\cancel{7}}}{4 \times \overset{1}{\cancel{7}} \times \overset{4}{\cancel{12}}}$$

$$= \frac{25}{16}$$

$$= 1 \frac{9}{16}$$

参考 約分のしかた

15と12を3でわって5と4

7と7を7でわって1と1

13

$$\frac{4}{7} \times \frac{1}{3} \times 5$$

14

$$1\frac{1}{14} \times 1\frac{1}{13} \div 2\frac{1}{7}$$

15

$$1\frac{2}{11} \times \frac{6}{11} \div 1\frac{2}{11}$$

16

$$\frac{2}{3} \div 1\frac{5}{6} \div \frac{1}{5}$$

13

$$\begin{aligned} & \frac{4}{7} \times \frac{1}{3} \times 5 \\ &= \frac{4 \times 1 \times 5}{7 \times 3 \times 1} \\ &= \frac{20}{21} \end{aligned}$$

14

$$\begin{aligned} & 1 \frac{1}{14} \times 1 \frac{1}{13} \div 2 \frac{1}{7} \\ &= \frac{\cancel{15} \times \cancel{14} \times 7}{\cancel{14} \times 13 \times \cancel{15}} \\ &= \frac{7}{13} \end{aligned}$$

参考 約分のしかた

15と15を15でわって1と1

14と14を14でわって1と1

15

$$\begin{aligned} & 1 \frac{2}{11} \times \frac{6}{11} \div 1 \frac{2}{11} \\ &= \frac{\cancel{13} \times 6 \times \cancel{11}}{\cancel{11} \times 11 \times \cancel{13}} \\ &= \frac{6}{11} \end{aligned}$$

参考 約分のしかた

13と13を13でわって1と1

11と11を11でわって1と1

16

$$\begin{aligned} & \frac{2}{3} \div 1 \frac{5}{6} \div \frac{1}{5} \\ &= \frac{2 \times \cancel{6} \times 5}{3 \times 11 \times 1} \\ &= \frac{20}{11} \\ &= 1 \frac{9}{11} \end{aligned}$$

参考 約分のしかた

6と3を3でわって2と1

17

$$1\frac{2}{5} \times \frac{5}{8} \times \frac{5}{7}$$

18

$$\frac{9}{13} \div \frac{2}{15} \div 5$$

19

$$\frac{5}{14} \div 2\frac{1}{7} \div \frac{3}{14}$$

20

$$\frac{7}{8} \div 2\frac{4}{5} \times 1\frac{3}{5}$$

17

$$\begin{aligned} & 1\frac{2}{5} \times \frac{5}{8} \times \frac{5}{7} \\ &= \frac{\overset{1}{\cancel{7}} \times \overset{1}{\cancel{5}} \times 5}{\underset{1}{\cancel{5}} \times 8 \times \underset{1}{\cancel{7}}} \\ &= \frac{5}{8} \end{aligned}$$

参考 約分のしかた

7と7を7でわって1と1

5と5を5でわって1と1

18

$$\begin{aligned} & \frac{9}{13} \div \frac{2}{15} \div 5 \\ &= \frac{9 \times \overset{3}{\cancel{15}} \times 1}{13 \times 2 \times \underset{1}{\cancel{5}}} \\ &= \frac{27}{26} \\ &= 1\frac{1}{26} \end{aligned}$$

参考 約分のしかた

15と5を5でわって3と1

19

$$\begin{aligned} & \frac{5}{14} \div 2\frac{1}{7} \div \frac{3}{14} \\ &= \frac{\overset{1}{\cancel{5}} \times 7 \times \overset{1}{\cancel{14}}}{\underset{3}{14} \times \overset{1}{\cancel{14}} \times 3} \\ &= \frac{7}{9} \end{aligned}$$

参考 約分のしかた

5と15を5でわって1と3

14と14を14でわって1と1

20

$$\begin{aligned} & \frac{7}{8} \div 2\frac{4}{5} \times 1\frac{3}{5} \\ &= \frac{\overset{1}{\cancel{7}} \times \overset{1}{\cancel{5}} \times \overset{3}{\cancel{8}}}{\underset{2}{8} \times \overset{1}{\cancel{14}} \times \underset{1}{\cancel{5}}} \\ &= \frac{1}{2} \end{aligned}$$

参考 約分のしかた

7と14を7でわって1と2

5と5を5でわって1と1

8と8を8でわって1と1

①

$$\frac{7}{11} \div \frac{4}{5} \div 3\frac{1}{2}$$

②

$$\frac{3}{7} \div \frac{1}{7} \times \frac{2}{5}$$

③

$$\frac{5}{7} \times 2.3 \div 1\frac{4}{7}$$

④

$$0.3 \div \frac{14}{15} \times 2\frac{4}{5}$$

①

$$\begin{aligned} & \frac{7}{11} \div \frac{4}{5} \div 3\frac{1}{2} \\ &= \frac{\overset{1}{\cancel{7}} \times 5 \times \overset{1}{\cancel{2}}}{11 \times \underset{2}{\cancel{4}} \times \underset{1}{\cancel{7}}} \\ &= \frac{5}{22} \end{aligned}$$

参考 約分のしかた
7と7を7でわって1と1
2と4を2でわって1と2

②

$$\begin{aligned} & \frac{3}{7} \div \frac{1}{7} \times \frac{2}{5} \\ &= \frac{3 \times \overset{1}{\cancel{7}} \times 2}{\underset{1}{\cancel{7}} \times 1 \times 5} \\ &= \frac{6}{5} \\ &= 1\frac{1}{5} \end{aligned}$$

参考 約分のしかた
7と7を7でわって1と1

③

$$\begin{aligned} & \frac{5}{7} \times 2.3 \div 1\frac{4}{7} \\ &= \frac{\overset{1}{\cancel{5}} \times 23 \times \overset{1}{\cancel{7}}}{\underset{2}{\cancel{7}} \times \underset{1}{\cancel{10}} \times 11} \\ &= \frac{23}{22} \\ &= 1\frac{1}{22} \end{aligned}$$

参考 約分のしかた
5と10を5でわって1と2
7と7を7でわって1と1

④

$$\begin{aligned} & 0.3 \div \frac{14}{15} \times 2\frac{4}{5} \\ &= \frac{3 \times \overset{3}{\cancel{15}} \times \overset{1}{\cancel{14}}}{\underset{2}{\cancel{10}} \times \underset{1}{\cancel{14}} \times 5} \\ &= \frac{9}{10} \end{aligned}$$

参考 約分のしかた
15と10を5でわって3と2
14と14を14でわって1と1

5

$$\frac{7}{15} \times \frac{9}{13} \div \frac{14}{15}$$

6

$$\frac{2}{3} \times 0.3 \div 1\frac{3}{5}$$

7

$$1\frac{2}{3} \times \frac{2}{7} \times 2\frac{1}{4}$$

8

$$4\frac{1}{2} \div 4\frac{2}{3} \div \frac{5}{14}$$

5

$$\begin{aligned} & \frac{7}{15} \times \frac{9}{13} \div \frac{14}{15} \\ &= \frac{\overset{1}{\cancel{7}} \times 9 \times \overset{1}{\cancel{15}}}{\overset{1}{\cancel{15}} \times 13 \times \overset{2}{\cancel{14}}} \\ &= \frac{9}{26} \end{aligned}$$

参考 約分のしかた

7と14を7でわって1と2

15と15を15でわって1と1

6

$$\begin{aligned} & \frac{2}{3} \times 0.3 \div 1\frac{3}{5} \\ &= \frac{\overset{1}{\cancel{2}} \times \overset{1}{\cancel{3}} \times \overset{1}{\cancel{5}}}{\overset{1}{\cancel{3}} \times \overset{2}{\cancel{10}} \times \overset{4}{\cancel{8}}} \\ &= \frac{1}{8} \end{aligned}$$

参考 約分のしかた

2と8を2でわって1と4

3と3を3でわって1と1

5と10を5でわって1と2

7

$$\begin{aligned} & 1\frac{2}{3} \times \frac{2}{7} \times 2\frac{1}{4} \\ &= \frac{5 \times \overset{1}{\cancel{2}} \times \overset{3}{\cancel{9}}}{\overset{3}{\cancel{3}} \times 7 \times \overset{2}{\cancel{4}}} \\ &= \frac{15}{14} \\ &= 1\frac{1}{14} \end{aligned}$$

参考 約分のしかた

2と4を2でわって1と2

9と3を3でわって3と1

8

$$\begin{aligned} & 4\frac{1}{2} \div 4\frac{2}{3} \div \frac{5}{14} \\ &= \frac{9 \times 3 \times \overset{1}{\cancel{14}}}{2 \times \overset{1}{\cancel{14}} \times 5} \\ &= \frac{27}{10} \\ &= 2\frac{7}{10} \end{aligned}$$

参考 約分のしかた

14と14を14でわって1と1

9

$$\frac{2}{11} \div \frac{2}{11} \div \frac{1}{4}$$

10

$$3\frac{1}{3} \times 2.5 \times 0.3$$

11

$$\frac{10}{11} \times 0.3 \times 2\frac{1}{5}$$

12

$$1\frac{1}{2} \div 2\frac{3}{5} \times 4$$

9

$$\begin{aligned} & \frac{2}{11} \div \frac{2}{11} \div \frac{1}{4} \\ &= \frac{\cancel{2} \times \cancel{11} \times 4}{\cancel{11} \times \cancel{2} \times 1} \\ &= \frac{4}{1} \\ &= 4 \end{aligned}$$

参考 約分のしかた

2と2を2でわって1と1

11と11を11でわって1と1

10

$$\begin{aligned} & 3\frac{1}{3} \times 2.5 \times 0.3 \\ &= \frac{\cancel{10} \times \overset{5}{\cancel{25}} \times \overset{1}{\cancel{3}}}{\underset{1}{\cancel{3}} \times \underset{1}{\cancel{10}} \times \underset{2}{\cancel{10}}} \\ &= \frac{5}{2} \\ &= 2\frac{1}{2} \end{aligned}$$

参考 約分のしかた

10と10を10でわって1と1

25と10を5でわって5と2

3と3を3でわって1と1

11

$$\begin{aligned} & \frac{10}{11} \times 0.3 \times 2\frac{1}{5} \\ &= \frac{\cancel{10} \times 3 \times \cancel{11}}{\cancel{11} \times \cancel{10} \times 5} \\ &= \frac{3}{5} \end{aligned}$$

参考 約分のしかた

10と10を10でわって1と1

11と11を11でわって1と1

12

$$\begin{aligned} & 1\frac{1}{2} \div 2\frac{3}{5} \times 4 \\ &= \frac{3 \times 5 \times \overset{2}{\cancel{4}}}{\underset{1}{\cancel{2}} \times 13 \times 1} \\ &= \frac{30}{13} \\ &= 2\frac{4}{13} \end{aligned}$$

参考 約分のしかた

4と2を2でわって2と1

13

$$0.2 \div 0.9 \times 1\frac{2}{7}$$

14

$$\frac{1}{3} \div \frac{2}{3} \times \frac{7}{12}$$

15

$$1\frac{1}{8} \times 0.4 \div \frac{9}{14}$$

16

$$1.5 \div 2.1 \div \frac{1}{2}$$

13

$$\begin{aligned}
 & 0.2 \div 0.9 \times 1\frac{2}{7} \\
 &= \frac{2 \times \cancel{10} \times \cancel{7}}{\cancel{10} \times \cancel{9} \times 7} \\
 &= \frac{2}{7}
 \end{aligned}$$

参考 約分のしかた

10と10を10でわって1と1

9と9を9でわって1と1

14

$$\begin{aligned}
 & \frac{1}{3} \div \frac{2}{3} \times \frac{7}{12} \\
 &= \frac{1 \times \cancel{3} \times 7}{\cancel{3} \times 2 \times 12} \\
 &= \frac{7}{24}
 \end{aligned}$$

参考 約分のしかた

3と3を3でわって1と1

15

$$\begin{aligned}
 & 1\frac{1}{8} \times 0.4 \div \frac{9}{14} \\
 &= \frac{\cancel{4} \times \cancel{4} \times \cancel{14}^7}{\cancel{8} \times \cancel{10} \times \cancel{9}} \\
 &= \frac{7}{10}
 \end{aligned}$$

参考 約分のしかた

9と9を9でわって1と1

4と8を4でわって1と2

14と10を2でわって7と5

16

$$\begin{aligned}
 & 1.5 \div 2.1 \div \frac{1}{2} \\
 &= \frac{\cancel{15}^5 \times \cancel{10} \times 2}{\cancel{10} \times \cancel{21}^7 \times 1} \\
 &= \frac{10}{7} \\
 &= 1\frac{3}{7}
 \end{aligned}$$

参考 約分のしかた

15と21を3でわって5と7

10と10を10でわって1と1

17

$$\frac{7}{11} \times \frac{7}{8} \times \frac{4}{7}$$

18

$$0.4 \times \frac{5}{8} \times \frac{4}{9}$$

19

$$1.6 \div 1\frac{3}{5} \times 1\frac{1}{9}$$

20

$$\frac{7}{12} \times 1\frac{5}{7} \div \frac{3}{8}$$

17

$$\begin{aligned} & \frac{7}{11} \times \frac{7}{8} \times \frac{4}{7} \\ &= \frac{\overset{1}{\cancel{7}} \times 7 \times \overset{1}{\cancel{4}}}{11 \times \underset{2}{\cancel{8}} \times \underset{1}{\cancel{7}}} \\ &= \frac{7}{22} \end{aligned}$$

参考 約分のしかた

7と7を7でわって1と1

4と8を4でわって1と2

18

$$\begin{aligned} & 0.4 \times \frac{5}{8} \times \frac{4}{9} \\ &= \frac{\overset{2}{\cancel{4}} \times \overset{1}{\cancel{5}} \times 4}{\underset{2}{\cancel{10}} \times \underset{4}{\cancel{8}} \times 9} \\ &= \frac{\overset{1}{\cancel{2}} \times 1 \times \overset{1}{\cancel{4}}}{\underset{1}{\cancel{2}} \times \underset{1}{\cancel{4}} \times 9} \\ &= \frac{1}{9} \end{aligned}$$

参考 約分のしかた

4と8を2でわって2と4

5と10を5でわって1と2

2と2を2でわって1と1

4と4を4でわって1と1

19

$$\begin{aligned} & 1.6 \div 1\frac{3}{5} \times 1\frac{1}{9} \\ &= \frac{\overset{2}{\cancel{16}} \times 5 \times \overset{1}{\cancel{10}}}{\underset{1}{\cancel{10}} \times \underset{1}{\cancel{8}} \times 9} \\ &= \frac{10}{9} \\ &= 1\frac{1}{9} \end{aligned}$$

参考 約分のしかた

16と8を8でわって2と1

10と10を10でわって1と1

20

$$\begin{aligned} & \frac{7}{12} \times 1\frac{5}{7} \div \frac{3}{8} \\ &= \frac{\overset{1}{\cancel{7}} \times \overset{1}{\cancel{12}} \times 8}{\underset{1}{\cancel{12}} \times \underset{1}{\cancel{7}} \times 3} \\ &= \frac{8}{3} \\ &= 2\frac{2}{3} \end{aligned}$$

参考 約分のしかた

7と7を7でわって1と1

12と12を12でわって1と1

①

$$1\frac{2}{13} \times 1\frac{4}{9} \times 1.7$$

②

$$1\frac{1}{8} \times \frac{4}{15} \times 1\frac{3}{5}$$

③

$$\frac{2}{7} \times 1\frac{2}{3} \times 2\frac{1}{3}$$

④

$$0.5 \times \frac{11}{15} \div \frac{14}{15}$$

①

$$\begin{aligned}
 & 1\frac{2}{13} \times 1\frac{4}{9} \times 1.7 \\
 &= \frac{\overset{3}{\cancel{15}} \times \overset{1}{\cancel{13}} \times 17}{\underset{1}{\cancel{13}} \times \underset{2}{\cancel{9}} \times \underset{10}{\cancel{10}}} \\
 &= \frac{\overset{1}{\cancel{3}} \times 1 \times 17}{1 \times \underset{3}{\cancel{9}} \times 2} \\
 &= \frac{17}{6} \\
 &= 2\frac{5}{6}
 \end{aligned}$$

参考 約分のしかた

15と10を5でわって3と2

13と13を13でわって1と1

3と9を3でわって1と3

②

$$\begin{aligned}
 & 1\frac{1}{8} \times \frac{4}{15} \times 1\frac{3}{5} \\
 &= \frac{\overset{3}{\cancel{8}} \times 4 \times \overset{1}{\cancel{8}}}{\underset{1}{\cancel{8}} \times \underset{5}{\cancel{15}} \times 5} \\
 &= \frac{12}{25}
 \end{aligned}$$

参考 約分のしかた

9と15を3でわって3と5

8と8を8でわって1と1

③

$$\begin{aligned}
 & \frac{2}{7} \times 1\frac{2}{3} \times 2\frac{1}{3} \\
 &= \frac{2 \times \overset{1}{\cancel{5}} \times \overset{1}{\cancel{7}}}{\underset{7}{\cancel{7}} \times 3 \times 3} \\
 &= \frac{10}{9} \\
 &= 1\frac{1}{9}
 \end{aligned}$$

参考 約分のしかた

7と7を7でわって1と1

④

$$\begin{aligned}
 & 0.5 \times \frac{11}{15} \div \frac{14}{15} \\
 &= \frac{\overset{1}{\cancel{5}} \times 11 \times \overset{1}{\cancel{15}}}{\underset{2}{\cancel{10}} \times \underset{1}{\cancel{15}} \times 14} \\
 &= \frac{11}{28}
 \end{aligned}$$

参考 約分のしかた

5と10を5でわって1と2

15と15を15でわって1と1

5

$$1\frac{1}{3} \div \frac{2}{9} \div 1\frac{3}{4}$$

6

$$0.7 \times 2 \times 1\frac{1}{2}$$

7

$$1\frac{5}{8} \times 1\frac{1}{4} \times \frac{2}{5}$$

8

$$\frac{7}{15} \div \frac{5}{14} \div \frac{7}{15}$$

5

$$\begin{aligned}
 & 1\frac{1}{3} \div \frac{2}{9} \div 1\frac{3}{4} \\
 &= \frac{\overset{2}{\cancel{4}} \times \overset{3}{\cancel{9}} \times 4}{\underset{1}{\cancel{3}} \times \underset{1}{\cancel{2}} \times 7} \\
 &= \frac{24}{7} \\
 &= 3\frac{3}{7}
 \end{aligned}$$

参考 約分のしかた

4と2を2でわって2と1

9と3を3でわって3と1

6

$$\begin{aligned}
 & 0.7 \times 2 \times 1\frac{1}{2} \\
 &= \frac{7 \times \overset{1}{\cancel{2}} \times 3}{\underset{5}{\cancel{10}} \times 1 \times 2} \\
 &= \frac{21}{10} \\
 &= 2\frac{1}{10}
 \end{aligned}$$

参考 約分のしかた

2と10を2でわって1と5

7

$$\begin{aligned}
 & 1\frac{5}{8} \times 1\frac{1}{4} \times \frac{2}{5} \\
 &= \frac{13 \times \overset{1}{\cancel{5}} \times \overset{1}{\cancel{2}}}{\underset{4}{\cancel{8}} \times 4 \times \underset{1}{\cancel{5}}} \\
 &= \frac{13}{16}
 \end{aligned}$$

参考 約分のしかた

5と5を5でわって1と1

2と8を2でわって1と4

8

$$\begin{aligned}
 & \frac{7}{15} \div \frac{5}{14} \div \frac{7}{15} \\
 &= \frac{\overset{1}{\cancel{7}} \times 14 \times \overset{1}{\cancel{15}}}{\underset{1}{\cancel{15}} \times 5 \times \underset{1}{\cancel{7}}} \\
 &= \frac{14}{5} \\
 &= 2\frac{4}{5}
 \end{aligned}$$

参考 約分のしかた

7と7を7でわって1と1

15と15を15でわって1と1

9

$$\frac{7}{15} \times 0.3 \times 5$$

10

$$1\frac{7}{8} \div 1\frac{3}{4} \div 1\frac{5}{7}$$

11

$$\frac{7}{8} \times 1\frac{4}{11} \times 1.1$$

12

$$1.3 \times 0.1 \times \frac{5}{13}$$

9

$$\begin{aligned} & \frac{7}{15} \times 0.3 \times 5 \\ &= \frac{7 \times \overset{1}{\cancel{3}} \times \overset{1}{\cancel{5}}}{\overset{5}{\cancel{15}} \times \overset{2}{\cancel{10}} \times 1} \\ &= \frac{7}{10} \end{aligned}$$

参考 約分のしかた

3と15を3でわって1と5

5と10を5でわって1と2

10

$$\begin{aligned} & 1\frac{7}{8} \div 1\frac{3}{4} \div 1\frac{5}{7} \\ &= \frac{\overset{5}{\cancel{15}} \times \overset{1}{\cancel{4}} \times \overset{1}{\cancel{7}}}{\overset{2}{\cancel{8}} \times \overset{1}{\cancel{4}} \times \overset{4}{\cancel{12}}} \\ &= \frac{5}{8} \end{aligned}$$

参考 約分のしかた

15と12を3でわって5と4

4と8を4でわって1と2

7と7を7でわって1と1

11

$$\begin{aligned} & \frac{7}{8} \times 1\frac{4}{11} \times 1.1 \\ &= \frac{7 \times \overset{3}{\cancel{15}} \times \overset{1}{\cancel{11}}}{8 \times \overset{1}{\cancel{11}} \times \overset{2}{\cancel{10}}} \\ &= \frac{21}{16} \\ &= 1\frac{5}{16} \end{aligned}$$

参考 約分のしかた

15と10を5でわって3と2

11と11を11でわって1と1

12

$$\begin{aligned} & 1.3 \times 0.1 \times \frac{5}{13} \\ &= \frac{\overset{1}{\cancel{13}} \times 1 \times \overset{1}{\cancel{5}}}{\overset{2}{\cancel{10}} \times 10 \times \overset{1}{\cancel{13}}} \\ &= \frac{1}{20} \end{aligned}$$

参考 約分のしかた

13と13を13でわって1と1

5と10を5でわって1と2

13

$$\frac{3}{4} \div \frac{3}{4} \div \frac{3}{4}$$

14

$$\frac{5}{7} \times 1\frac{2}{5} \times \frac{7}{9}$$

15

$$1\frac{3}{4} \times 2\frac{4}{5} \times 1\frac{1}{14}$$

16

$$1\frac{2}{5} \div \frac{9}{13} \div 2.6$$

13

$$\begin{aligned} & \frac{3}{4} \div \frac{3}{4} \div \frac{3}{4} \\ & = \frac{\overset{1}{\cancel{3}} \times \overset{1}{\cancel{4}} \times 4}{\underset{1}{\cancel{4}} \times \underset{1}{\cancel{3}} \times 3} \\ & = \frac{4}{3} \\ & = 1\frac{1}{3} \end{aligned}$$

参考 約分のしかた

3と3を3でわって1と1

4と4を4でわって1と1

14

$$\begin{aligned} & \frac{5}{7} \times 1\frac{2}{5} \times \frac{7}{9} \\ & = \frac{\overset{1}{\cancel{5}} \times \overset{1}{\cancel{7}} \times 7}{\underset{1}{\cancel{7}} \times \underset{1}{\cancel{5}} \times 9} \\ & = \frac{7}{9} \end{aligned}$$

参考 約分のしかた

5と5を5でわって1と1

7と7を7でわって1と1

15

$$\begin{aligned} & 1\frac{3}{4} \times 2\frac{4}{5} \times 1\frac{1}{14} \\ & = \frac{7 \times \overset{1}{\cancel{14}} \times \overset{3}{\cancel{15}}}{4 \times \underset{1}{\cancel{5}} \times \underset{1}{\cancel{14}}} \\ & = \frac{21}{4} \\ & = 5\frac{1}{4} \end{aligned}$$

参考 約分のしかた

14と14を14でわって1と1

15と5を5でわって3と1

16

$$\begin{aligned} & 1\frac{2}{5} \div \frac{9}{13} \div 2.6 \\ & = \frac{7 \times 13 \times \overset{5}{\cancel{10}}}{5 \times 9 \times \underset{13}{\cancel{26}}} \\ & = \frac{7 \times \overset{1}{\cancel{13}} \times \underset{13}{\cancel{5}}}{\underset{1}{\cancel{5}} \times 9 \times \underset{13}{\cancel{13}}} \\ & = \frac{7}{9} \end{aligned}$$

参考 約分のしかた

10と26を2でわって5と13

13と13を13でわって1と1

5と5を5でわって1と1

17

$$1\frac{1}{2} \div 2.2 \div \frac{5}{6}$$

18

$$1\frac{3}{7} \times 3\frac{3}{4} \div 7\frac{1}{2}$$

19

$$\frac{9}{11} \times \frac{8}{9} \times \frac{1}{2}$$

20

$$\frac{13}{15} \times 3\frac{1}{3} \times 1\frac{2}{13}$$

17

$$\begin{aligned}
 & 1\frac{1}{2} \div 2.2 \div \frac{5}{6} \\
 &= \frac{3 \times \cancel{10} \times \cancel{6}}{2 \times \cancel{22} \times \cancel{5}} \\
 &= \frac{3 \times \cancel{2} \times 3}{\cancel{2} \times 11 \times 1} \\
 &= \frac{9}{11}
 \end{aligned}$$

参考 約分のしかた

10と5を5でわって2と1
 6と22を2でわって3と11
 2と2を2でわって1と1

18

$$\begin{aligned}
 & 1\frac{3}{7} \times 3\frac{3}{4} \div 7\frac{1}{2} \\
 &= \frac{10 \times \cancel{15} \times \cancel{2}}{7 \times \cancel{4} \times \cancel{15}} \\
 &= \frac{\cancel{10} \times 1 \times 1}{7 \times \cancel{2} \times 1} \\
 &= \frac{5}{7}
 \end{aligned}$$

参考 約分のしかた

15と15を15でわって1と1
 2と4を2でわって1と2
 10と2を2でわって5と1

19

$$\begin{aligned}
 & \frac{9}{11} \times \frac{8}{9} \times \frac{1}{2} \\
 &= \frac{\cancel{9} \times \cancel{8} \times 1}{11 \times \cancel{9} \times \cancel{2}} \\
 &= \frac{4}{11}
 \end{aligned}$$

参考 約分のしかた

9と9を9でわって1と1
 8と2を2でわって4と1

20

$$\begin{aligned}
 & \frac{13}{15} \times 3\frac{1}{3} \times 1\frac{2}{13} \\
 &= \frac{\cancel{13} \times 10 \times \cancel{15}}{\cancel{15} \times 3 \times \cancel{13}} \\
 &= \frac{10}{3} \\
 &= 3\frac{1}{3}
 \end{aligned}$$

参考 約分のしかた

13と13を13でわって1と1
 15と15を15でわって1と1

①

$$1\frac{2}{3} \div 1\frac{1}{12} \div 1\frac{2}{13}$$

②

$$\frac{1}{5} \times 1\frac{4}{5} \times 1\frac{2}{9}$$

③

$$2 \times \frac{7}{13} \div 1\frac{2}{5}$$

④

$$2.2 \div \frac{3}{5} \div \frac{1}{3}$$

①

$$\begin{aligned}
 & 1\frac{2}{3} \div 1\frac{1}{12} \div 1\frac{2}{13} \\
 &= \frac{\overset{1}{\cancel{5}} \times \overset{4}{\cancel{12}} \times \overset{1}{\cancel{13}}}{\underset{1}{\cancel{3}} \times \underset{1}{\cancel{13}} \times \underset{3}{\cancel{15}}} \\
 &= \frac{4}{3} \\
 &= 1\frac{1}{3}
 \end{aligned}$$

参考 約分のしかた

5と15を5でわって1と3

12と3を3でわって4と1

13と13を13でわって1と1

②

$$\begin{aligned}
 & \frac{1}{5} \times 1\frac{4}{5} \times 1\frac{2}{9} \\
 &= \frac{\overset{1}{\cancel{1}} \times \overset{4}{\cancel{4}} \times \overset{1}{\cancel{11}}}{\underset{1}{\cancel{5}} \times \underset{5}{\cancel{5}} \times \underset{1}{\cancel{9}}} \\
 &= \frac{11}{25}
 \end{aligned}$$

参考 約分のしかた

9と9を9でわって1と1

③

$$\begin{aligned}
 & 2 \times \frac{7}{13} \div 1\frac{2}{5} \\
 &= \frac{2 \times \overset{1}{\cancel{7}} \times 5}{1 \times 13 \times \overset{1}{\cancel{7}}} \\
 &= \frac{10}{13}
 \end{aligned}$$

参考 約分のしかた

7と7を7でわって1と1

④

$$\begin{aligned}
 & 2.2 \div \frac{3}{5} \div \frac{1}{3} \\
 &= \frac{\overset{2}{\cancel{22}} \times \overset{1}{\cancel{5}} \times \overset{3}{\cancel{3}}}{\underset{1}{\cancel{10}} \times \underset{1}{\cancel{3}} \times 1} \\
 &= \frac{\overset{1}{\cancel{22}} \times 1 \times 1}{\underset{1}{\cancel{2}} \times 1 \times 1} \\
 &= \frac{11}{1} \\
 &= 11
 \end{aligned}$$

参考 約分のしかた

5と10を5でわって1と2

3と3を3でわって1と1

22と2を2でわって11と1

5

$$1\frac{5}{6} \times \frac{9}{11} \div \frac{13}{14}$$

6

$$1\frac{1}{14} \times \frac{7}{8} \div 1\frac{1}{4}$$

7

$$2\frac{2}{3} \times 4\frac{2}{3} \times \frac{1}{4}$$

8

$$1\frac{1}{2} \times 1.1 \times \frac{8}{11}$$

5

$$\begin{aligned}
 & 1\frac{5}{6} \times \frac{9}{11} \div \frac{13}{14} \\
 &= \frac{\overset{1}{\cancel{14}} \times \overset{3}{\cancel{9}} \times 14}{\underset{2}{\cancel{6}} \times \underset{1}{\cancel{11}} \times 13} \\
 &= \frac{1 \times 3 \times \overset{7}{\cancel{14}}}{\underset{1}{\cancel{2}} \times 1 \times 13} \\
 &= \frac{21}{13} \\
 &= 1\frac{8}{13}
 \end{aligned}$$

参考 約分のしかた

11と11を11でわって1と1

9と6を3でわって3と2

14と2を2でわって7と1

6

$$\begin{aligned}
 & 1\frac{1}{14} \times \frac{7}{8} \div 1\frac{1}{4} \\
 &= \frac{\overset{3}{\cancel{15}} \times \overset{1}{\cancel{7}} \times \overset{1}{\cancel{4}}}{\underset{2}{\cancel{14}} \times \underset{2}{\cancel{8}} \times \underset{1}{\cancel{5}}} \\
 &= \frac{3}{4}
 \end{aligned}$$

参考 約分のしかた

15と5を5でわって3と1

7と14を7でわって1と2

4と8を4でわって1と2

7

$$\begin{aligned}
 & 2\frac{2}{3} \times 4\frac{2}{3} \times \frac{1}{4} \\
 &= \frac{\overset{2}{\cancel{8}} \times 14 \times 1}{3 \times 3 \times \underset{1}{\cancel{4}}} \\
 &= \frac{28}{9} \\
 &= 3\frac{1}{9}
 \end{aligned}$$

参考 約分のしかた

8と4を4でわって2と1

8

$$\begin{aligned}
 & 1\frac{1}{2} \times 1.1 \times \frac{8}{11} \\
 &= \frac{3 \times \overset{1}{\cancel{11}} \times \overset{4}{\cancel{8}}}{2 \times \underset{5}{\cancel{10}} \times \underset{1}{\cancel{11}}} \\
 &= \frac{3 \times 1 \times \overset{2}{\cancel{4}}}{\underset{1}{\cancel{2}} \times 5 \times 1} \\
 &= \frac{6}{5} \\
 &= 1\frac{1}{5}
 \end{aligned}$$

参考 約分のしかた

11と11を11でわって1と1

8と10を2でわって4と5

4と2を2でわって2と1

9

$$\frac{4}{15} \times 2 \times \frac{1}{2}$$

10

$$\frac{10}{11} \div 3\frac{1}{3} \div 0.1$$

11

$$2\frac{1}{7} \times 2\frac{1}{2} \times \frac{7}{15}$$

12

$$0.6 \div 1\frac{3}{4} \div \frac{8}{15}$$

9

$$\begin{aligned} & \frac{4}{15} \times 2 \times \frac{1}{2} \\ &= \frac{\overset{2}{\cancel{4}} \times 2 \times \underset{1}{\cancel{1}}}{15 \times \underset{1}{\cancel{1}} \times \underset{2}{\cancel{2}}} \\ &= \frac{4}{15} \end{aligned}$$

参考 約分のしかた
4と2を2でわって2と1

10

$$\begin{aligned} & \frac{10}{11} \div 3\frac{1}{3} \div 0.1 \\ &= \frac{\overset{1}{\cancel{10}} \times 3 \times \underset{1}{\cancel{10}}}{11 \times \underset{1}{\cancel{10}} \times \underset{1}{\cancel{1}}} \\ &= \frac{30}{11} \\ &= 2\frac{8}{11} \end{aligned}$$

参考 約分のしかた
10と10を10でわって1と1

11

$$\begin{aligned} & 2\frac{1}{7} \times 2\frac{1}{2} \times \frac{7}{15} \\ &= \frac{\overset{1}{\cancel{15}} \times \underset{1}{\cancel{5}} \times \underset{7}{\cancel{7}}}{\underset{7}{\cancel{7}} \times \underset{2}{\cancel{2}} \times \underset{1}{\cancel{15}}} \\ &= \frac{5}{2} \\ &= 2\frac{1}{2} \end{aligned}$$

参考 約分のしかた
15と15を15でわって1と1
7と7を7でわって1と1

12

$$\begin{aligned} & 0.6 \div 1\frac{3}{4} \div \frac{8}{15} \\ &= \frac{\overset{1}{\cancel{6}} \times \underset{3}{\cancel{4}} \times \overset{3}{\cancel{15}}}{\underset{2}{\cancel{10}} \times \underset{2}{\cancel{7}} \times \underset{8}{\cancel{8}}} \\ &= \frac{\overset{3}{\cancel{6}} \times \underset{1}{\cancel{1}} \times \underset{3}{\cancel{3}}}{\underset{2}{\cancel{2}} \times \underset{7}{\cancel{7}} \times \underset{2}{\cancel{2}}} \\ &= \frac{9}{14} \end{aligned}$$

参考 約分のしかた
4と8を4でわって1と2
15と10を5でわって3と2
6と2を2でわって3と1

13

$$3\frac{3}{4} \div 7\frac{1}{2} \div \frac{2}{11}$$

14

$$\frac{5}{6} \times \frac{8}{15} \times \frac{5}{6}$$

15

$$1\frac{1}{13} \div 2.2 \div \frac{10}{11}$$

16

$$1.3 \div \frac{2}{3} \div 3\frac{3}{4}$$

13

$$\begin{aligned}
 & 3\frac{3}{4} \div 7\frac{1}{2} \div \frac{2}{11} \\
 &= \frac{\overset{1}{\cancel{15}} \times \overset{1}{\cancel{8}} \times 11}{\underset{2}{\cancel{4}} \times \underset{1}{\cancel{15}} \times 2} \\
 &= \frac{11}{4} \\
 &= 2\frac{3}{4}
 \end{aligned}$$

参考 約分のしかた

15と15を15でわって1と1

2と4を2でわって1と2

14

$$\begin{aligned}
 & \frac{5}{6} \times \frac{8}{15} \times \frac{5}{6} \\
 &= \frac{\overset{1}{\cancel{5}} \times \overset{4}{\cancel{8}} \times 5}{6 \times \underset{3}{\cancel{15}} \times \underset{3}{\cancel{6}}} \\
 &= \frac{1 \times \overset{2}{\cancel{4}} \times 5}{\underset{3}{\cancel{6}} \times 3 \times 3} \\
 &= \frac{10}{27}
 \end{aligned}$$

参考 約分のしかた

5と15を5でわって1と3

8と6を2でわって4と3

4と6を2でわって2と3

15

$$\begin{aligned}
 & 1\frac{1}{13} \div 2.2 \div \frac{10}{11} \\
 &= \frac{14 \times \overset{1}{\cancel{10}} \times \overset{1}{\cancel{11}}}{13 \times \underset{2}{\cancel{22}} \times \underset{1}{\cancel{10}}} \\
 &= \frac{\overset{7}{\cancel{14}} \times 1 \times 1}{13 \times \underset{1}{\cancel{2}} \times 1} \\
 &= \frac{7}{13}
 \end{aligned}$$

参考 約分のしかた

10と10を10でわって1と1

11と22を11でわって1と2

14と2を2でわって7と1

16

$$\begin{aligned}
 & 1.3 \div \frac{2}{3} \div 3\frac{3}{4} \\
 &= \frac{13 \times \overset{1}{\cancel{3}} \times \overset{2}{\cancel{4}}}{10 \times \underset{1}{\cancel{2}} \times \underset{5}{\cancel{15}}} \\
 &= \frac{13 \times 1 \times \overset{1}{\cancel{2}}}{\underset{5}{\cancel{10}} \times 1 \times 5} \\
 &= \frac{13}{25}
 \end{aligned}$$

参考 約分のしかた

3と15を3でわって1と5

4と2を2でわって2と1

2と10を2でわって1と5

17

$$0.9 \div 1\frac{2}{7} \div \frac{2}{15}$$

18

$$\frac{3}{14} \times 2.5 \div 1.5$$

19

$$6 \div 7\frac{1}{2} \times 1\frac{5}{8}$$

20

$$\frac{6}{7} \div 1\frac{4}{5} \times 1.4$$

17

$$\begin{aligned}
 & 0.9 \div 1\frac{2}{7} \div \frac{2}{15} \\
 & = \frac{\overset{1}{\cancel{9}} \times 7 \times \overset{3}{\cancel{15}}}{\underset{2}{10} \times \underset{1}{\cancel{7}} \times 2} \\
 & = \frac{21}{4} \\
 & = 5\frac{1}{4}
 \end{aligned}$$

参考 約分のしかた

9と9を9でわって1と1

15と10を5でわって3と2

18

$$\begin{aligned}
 & \frac{3}{14} \times 2.5 \div 1.5 \\
 & = \frac{3 \times \overset{5}{\cancel{25}} \times \overset{1}{\cancel{10}}}{14 \times \underset{1}{\cancel{10}} \times \underset{3}{\cancel{15}}} \\
 & = \frac{\overset{1}{\cancel{3}} \times 5 \times 1}{14 \times 1 \times \underset{1}{\cancel{3}}} \\
 & = \frac{5}{14}
 \end{aligned}$$

参考 約分のしかた

25と15を5でわって5と3

10と10を10でわって1と1

3と3を3でわって1と1

19

$$\begin{aligned}
 & 6 \div 7\frac{1}{2} \times 1\frac{5}{8} \\
 & = \frac{\overset{3}{\cancel{6}} \times 2 \times 13}{1 \times 15 \times \underset{4}{\cancel{8}}} \\
 & = \frac{\overset{1}{\cancel{3}} \times \overset{1}{\cancel{2}} \times 13}{1 \times \underset{5}{15} \times \underset{2}{\cancel{4}}} \\
 & = \frac{13}{10} \\
 & = 1\frac{3}{10}
 \end{aligned}$$

参考 約分のしかた

6と8を2でわって3と4

3と15を3でわって1と5

2と4を2でわって1と2

20

$$\begin{aligned}
 & \frac{6}{7} \div 1\frac{4}{5} \times 1.4 \\
 & = \frac{\overset{3}{\cancel{6}} \times 5 \times \overset{2}{\cancel{14}}}{\underset{1}{\cancel{7}} \times 9 \times \underset{5}{\cancel{10}}} \\
 & = \frac{\overset{1}{\cancel{3}} \times \overset{1}{\cancel{5}} \times 2}{1 \times \underset{3}{\cancel{9}} \times \underset{1}{\cancel{5}}} \\
 & = \frac{2}{3}
 \end{aligned}$$

参考 約分のしかた

6と10を2でわって3と5

14と7を7でわって2と1

3と9を3でわって1と3

5と5を5でわって1と1

①

$$3\frac{1}{3} \times \frac{1}{4} \times 1.5$$

②

$$\frac{11}{13} \div 3\frac{1}{2} \times 7$$

③

$$1\frac{1}{6} \times 2\frac{1}{5} \times \frac{9}{11}$$

④

$$1\frac{1}{7} \times 1\frac{1}{2} \div 1.2$$

①

$$\begin{aligned}
& 3\frac{1}{3} \times \frac{1}{4} \times 1.5 \\
&= \frac{\overset{1}{\cancel{10}} \times 1 \times \overset{5}{\cancel{15}}}{\underset{1}{\cancel{3}} \times 4 \times \underset{1}{\cancel{10}}} \\
&= \frac{5}{4} \\
&= 1\frac{1}{4}
\end{aligned}$$

参考 約分のしかた
 10と10を10でわって1と1
 15と3を3でわって5と1

②

$$\begin{aligned}
& \frac{11}{13} \div 3\frac{1}{2} \times 7 \\
&= \frac{11 \times 2 \times \overset{1}{\cancel{7}}}{13 \times \underset{1}{\cancel{7}} \times 1} \\
&= \frac{22}{13} \\
&= 1\frac{9}{13}
\end{aligned}$$

参考 約分のしかた
 7と7を7でわって1と1

③

$$\begin{aligned}
& 1\frac{1}{6} \times 2\frac{1}{5} \times \frac{9}{11} \\
&= \frac{7 \times \overset{1}{\cancel{14}} \times \overset{3}{\cancel{9}}}{\underset{2}{\cancel{6}} \times 5 \times \underset{1}{\cancel{11}}} \\
&= \frac{21}{10} \\
&= 2\frac{1}{10}
\end{aligned}$$

参考 約分のしかた
 11と11を11でわって1と1
 9と6を3でわって3と2

④

$$\begin{aligned}
& 1\frac{1}{7} \times 1\frac{1}{2} \div 1.2 \\
&= \frac{\overset{2}{\cancel{8}} \times 3 \times 10}{7 \times 2 \times \overset{3}{\cancel{12}}} \\
&= \frac{\overset{1}{\cancel{8}} \times \overset{1}{\cancel{3}} \times 10}{7 \times \underset{1}{\cancel{2}} \times \underset{1}{\cancel{3}}} \\
&= \frac{10}{7} \\
&= 1\frac{3}{7}
\end{aligned}$$

参考 約分のしかた
 8と12を4でわって2と3
 2と2を2でわって1と1
 3と3を3でわって1と1

5

$$1.7 \times \frac{8}{9} \times \frac{5}{12}$$

6

$$\frac{6}{7} \div \frac{11}{14} \times 2\frac{1}{4}$$

7

$$\frac{1}{6} \times 2\frac{1}{5} \times 4$$

8

$$2.7 \times \frac{2}{3} \div 0.5$$

5

$$\begin{aligned}
 & 1.7 \times \frac{8}{9} \times \frac{5}{12} \\
 &= \frac{17 \times \overset{4}{\cancel{8}} \times 5}{\underset{5}{\cancel{10}} \times 9 \times 12} \\
 &= \frac{17 \times \overset{1}{\cancel{4}} \times \overset{1}{\cancel{5}}}{\underset{1}{5} \times 9 \times \underset{3}{\cancel{12}}} \\
 &= \frac{17}{27}
 \end{aligned}$$

参考 約分のしかた

8と10を2でわって4と5

4と12を4でわって1と3

5と5を5でわって1と1

6

$$\begin{aligned}
 & \frac{6}{7} \div \frac{11}{14} \times 2\frac{1}{4} \\
 &= \frac{6 \times \overset{7}{\cancel{14}} \times 9}{7 \times 11 \times \underset{2}{\cancel{4}}} \\
 &= \frac{\overset{3}{\cancel{6}} \times \overset{1}{\cancel{7}} \times 9}{\underset{1}{7} \times 11 \times \underset{1}{\cancel{2}}} \\
 &= \frac{27}{11} \\
 &= 2\frac{5}{11}
 \end{aligned}$$

参考 約分のしかた

14と4を2でわって7と2

6と2を2でわって3と1

7と7を7でわって1と1

7

$$\begin{aligned}
 & \frac{1}{6} \times 2\frac{1}{5} \times 4 \\
 &= \frac{1 \times 11 \times \overset{2}{\cancel{4}}}{\underset{3}{\cancel{6}} \times 5 \times 1} \\
 &= \frac{22}{15} \\
 &= 1\frac{7}{15}
 \end{aligned}$$

参考 約分のしかた

4と6を2でわって2と3

8

$$\begin{aligned}
 & 2.7 \times \frac{2}{3} \div 0.5 \\
 &= \frac{\overset{9}{\cancel{27}} \times 2 \times \overset{1}{\cancel{10}}}{\underset{1}{\cancel{10}} \times \underset{1}{\cancel{3}} \times 5} \\
 &= \frac{18}{5} \\
 &= 3\frac{3}{5}
 \end{aligned}$$

参考 約分のしかた

27と3を3でわって9と1

10と10を10でわって1と1

9

$$\frac{9}{11} \div \frac{5}{7} \times 3\frac{2}{3}$$

10

$$3\frac{1}{2} \times \frac{13}{14} \div 0.5$$

11

$$1\frac{1}{6} \div \frac{5}{7} \times \frac{2}{7}$$

12

$$0.4 \times \frac{5}{12} \times 1\frac{1}{7}$$

9

$$\begin{aligned} & \frac{9}{11} \div \frac{5}{7} \times 3\frac{2}{3} \\ &= \frac{\overset{3}{\cancel{9}} \times 7 \times \overset{1}{\cancel{11}}}{\overset{1}{\cancel{11}} \times 5 \times \overset{1}{\cancel{3}}} \\ &= \frac{21}{5} \\ &= 4\frac{1}{5} \end{aligned}$$

参考 約分のしかた

9と3を3でわって3と1

11と11を11でわって1と1

10

$$\begin{aligned} & 3\frac{1}{2} \times \frac{13}{14} \div 0.5 \\ &= \frac{\overset{1}{\cancel{7}} \times 13 \times \overset{2}{\cancel{10}}}{2 \times \overset{2}{\cancel{14}} \times \overset{1}{\cancel{5}}} \\ &= \frac{1 \times 13 \times \overset{1}{\cancel{2}}}{\overset{1}{\cancel{2}} \times 2 \times 1} \\ &= \frac{13}{2} \\ &= 6\frac{1}{2} \end{aligned}$$

参考 約分のしかた

7と14を7でわって1と2

10と5を5でわって2と1

2と2を2でわって1と1

11

$$\begin{aligned} & 1\frac{1}{6} \div \frac{5}{7} \times \frac{2}{7} \\ &= \frac{\overset{1}{\cancel{7}} \times 7 \times \overset{1}{\cancel{2}}}{\overset{3}{\cancel{6}} \times 5 \times \overset{1}{\cancel{7}}} \\ &= \frac{7}{15} \end{aligned}$$

参考 約分のしかた

7と7を7でわって1と1

2と6を2でわって1と3

12

$$\begin{aligned} & 0.4 \times \frac{5}{12} \times 1\frac{1}{7} \\ &= \frac{\overset{1}{\cancel{4}} \times \overset{1}{\cancel{5}} \times 8}{\overset{2}{\cancel{10}} \times \overset{3}{\cancel{12}} \times 7} \\ &= \frac{1 \times 1 \times \overset{4}{\cancel{8}}}{\overset{1}{\cancel{2}} \times 3 \times 7} \\ &= \frac{4}{21} \end{aligned}$$

参考 約分のしかた

4と12を4でわって1と3

5と10を5でわって1と2

8と2を2でわって4と1

13

$$0.3 \div \frac{1}{5} \times \frac{2}{13}$$

14

$$2 \div 1\frac{1}{6} \times \frac{11}{12}$$

15

$$\frac{8}{13} \div 1\frac{1}{13} \times \frac{14}{15}$$

16

$$\frac{5}{12} \div 2\frac{2}{3} \times 1\frac{1}{7}$$

13

$$\begin{aligned}
 & 0.3 \div \frac{1}{5} \times \frac{2}{13} \\
 &= \frac{3 \times \overset{1}{\cancel{5}} \times 2}{\underset{2}{\cancel{10}} \times 1 \times 13} \\
 &= \frac{3 \times 1 \times \overset{1}{\cancel{2}}}{\underset{1}{\cancel{2}} \times 1 \times 13} \\
 &= \frac{3}{13}
 \end{aligned}$$

参考 約分のしかた
 5と10を5でわって1と2
 2と2を2でわって1と1

14

$$\begin{aligned}
 & 2 \div 1\frac{1}{6} \times \frac{11}{12} \\
 &= \frac{2 \times \overset{1}{\cancel{6}} \times 11}{1 \times 7 \times \underset{2}{\cancel{12}}} \\
 &= \frac{\overset{1}{\cancel{2}} \times 1 \times 11}{1 \times 7 \times \underset{1}{\cancel{2}}} \\
 &= \frac{11}{7} \\
 &= 1\frac{4}{7}
 \end{aligned}$$

参考 約分のしかた
 6と12を6でわって1と2
 2と2を2でわって1と1

15

$$\begin{aligned}
 & \frac{8}{13} \div 1\frac{1}{13} \times \frac{14}{15} \\
 &= \frac{8 \times \overset{1}{\cancel{13}} \times \overset{1}{\cancel{14}}}{\overset{1}{\cancel{13}} \times \overset{1}{\cancel{14}} \times 15} \\
 &= \frac{8}{15}
 \end{aligned}$$

参考 約分のしかた
 13と13を13でわって1と1
 14と14を14でわって1と1

16

$$\begin{aligned}
 & \frac{5}{12} \div 2\frac{2}{3} \times 1\frac{1}{7} \\
 &= \frac{5 \times \overset{1}{\cancel{3}} \times \overset{1}{\cancel{8}}}{\overset{4}{\cancel{12}} \times \overset{1}{\cancel{8}} \times 7} \\
 &= \frac{5}{28}
 \end{aligned}$$

参考 約分のしかた
 3と12を3でわって1と4
 8と8を8でわって1と1

17

$$2.4 \div \frac{4}{11} \div 4\frac{1}{2}$$

18

$$\frac{11}{13} \times 1\frac{2}{11} \times 1\frac{2}{13}$$

19

$$1\frac{1}{2} \div 1\frac{5}{7} \times \frac{11}{14}$$

20

$$\frac{5}{12} \times 1\frac{2}{7} \times 1\frac{2}{5}$$

17

$$\begin{aligned}
& 2.4 \div \frac{4}{11} \div 4\frac{1}{2} \\
&= \frac{\overset{8}{\cancel{24}} \times \overset{1}{11} \times \overset{1}{\cancel{2}}}{\underset{5}{\cancel{10}} \times \underset{3}{\cancel{4}} \times \underset{3}{\cancel{8}}} \\
&= \frac{\overset{2}{\cancel{8}} \times \overset{1}{11} \times \overset{1}{1}}{\underset{1}{5} \times \underset{1}{\cancel{4}} \times \underset{1}{3}} \\
&= \frac{22}{15} \\
&= 1\frac{7}{15}
\end{aligned}$$

参考 約分のしかた

24と9を3でわって8と3

2と10を2でわって1と5

8と4を4でわって2と1

18

$$\begin{aligned}
& \frac{11}{13} \times 1\frac{2}{11} \times 1\frac{2}{13} \\
&= \frac{\overset{1}{\cancel{11}} \times \overset{1}{\cancel{13}} \times \overset{1}{15}}{\underset{1}{\cancel{13}} \times \underset{1}{\cancel{11}} \times \underset{1}{13}} \\
&= \frac{15}{13} \\
&= 1\frac{2}{13}
\end{aligned}$$

参考 約分のしかた

11と11を11でわって1と1

13と13を13でわって1と1

19

$$\begin{aligned}
& 1\frac{1}{2} \div 1\frac{5}{7} \times \frac{11}{14} \\
&= \frac{\overset{1}{\cancel{3}} \times \overset{1}{\cancel{7}} \times \overset{1}{11}}{\underset{4}{2} \times \underset{4}{\cancel{12}} \times \underset{2}{\cancel{14}}} \\
&= \frac{11}{16}
\end{aligned}$$

参考 約分のしかた

3と12を3でわって1と4

7と14を7でわって1と2

20

$$\begin{aligned}
& \frac{5}{12} \times 1\frac{2}{7} \times 1\frac{2}{5} \\
&= \frac{\overset{1}{\cancel{5}} \times \overset{3}{\cancel{9}} \times \overset{1}{\cancel{7}}}{\underset{4}{\cancel{12}} \times \underset{1}{\cancel{7}} \times \underset{1}{\cancel{5}}} \\
&= \frac{3}{4}
\end{aligned}$$

参考 約分のしかた

5と5を5でわって1と1

9と12を3でわって3と4

7と7を7でわって1と1

①

$$\frac{13}{15} \div 0.7 \times 0.7$$

②

$$1\frac{5}{9} \div 1\frac{5}{9} \div 1\frac{7}{8}$$

③

$$3 \div 4 \div 2\frac{1}{6}$$

④

$$\frac{2}{3} \times 1\frac{5}{8} \times \frac{5}{13}$$

①

$$\begin{aligned} & \frac{13}{15} \div 0.7 \times 0.7 \\ &= \frac{13 \times \cancel{10} \times \cancel{7}}{15 \times \cancel{7} \times \cancel{10}} \\ &= \frac{13}{15} \end{aligned}$$

参考 約分のしかた

10と10を10でわって1と1

7と7を7でわって1と1

②

$$\begin{aligned} & 1\frac{5}{9} \div 1\frac{5}{9} \div 1\frac{7}{8} \\ &= \frac{\cancel{14} \times \cancel{9} \times 8}{\cancel{9} \times \cancel{14} \times 15} \\ &= \frac{8}{15} \end{aligned}$$

参考 約分のしかた

14と14を14でわって1と1

9と9を9でわって1と1

③

$$\begin{aligned} & 3 \div 4 \div 2\frac{1}{6} \\ &= \frac{3 \times 1 \times \cancel{6}}{1 \times \cancel{4} \times 13} \\ &= \frac{9}{26} \end{aligned}$$

参考 約分のしかた

6と4を2でわって3と2

④

$$\begin{aligned} & \frac{2}{3} \times 1\frac{5}{8} \times \frac{5}{13} \\ &= \frac{\cancel{2} \times \cancel{13} \times 5}{3 \times \cancel{8} \times \cancel{13}} \\ &= \frac{5}{12} \end{aligned}$$

参考 約分のしかた

2と8を2でわって1と4

13と13を13でわって1と1

5

$$\frac{1}{5} \div 1.4 \div 0.3$$

6

$$\frac{3}{5} \div 0.4 \div 3\frac{2}{3}$$

7

$$1\frac{6}{7} \times 4 \div 1\frac{3}{7}$$

8

$$1.8 \div 0.3 \times \frac{1}{4}$$

5

$$\begin{aligned} & \frac{1}{5} \div 1.4 \div 0.3 \\ &= \frac{1 \times \overset{5}{\cancel{10}} \times \overset{2}{\cancel{10}}}{\underset{1}{\cancel{5}} \times \underset{7}{\cancel{14}} \times 3} \\ &= \frac{10}{21} \end{aligned}$$

参考 約分のしかた

10と14を2でわって5と7

10と5を5でわって2と1

6

$$\begin{aligned} & \frac{3}{5} \div 0.4 \div 3\frac{2}{3} \\ &= \frac{3 \times \overset{2}{\cancel{10}} \times 3}{\underset{1}{\cancel{5}} \times 4 \times 11} \\ &= \frac{3 \times \overset{1}{\cancel{2}} \times 3}{1 \times \underset{2}{\cancel{4}} \times 11} \\ &= \frac{9}{22} \end{aligned}$$

参考 約分のしかた

10と5を5でわって2と1

2と4を2でわって1と2

7

$$\begin{aligned} & 1\frac{6}{7} \times 4 \div 1\frac{3}{7} \\ &= \frac{13 \times \overset{2}{\cancel{4}} \times \overset{1}{\cancel{7}}}{\underset{1}{\cancel{7}} \times 1 \times \underset{5}{\cancel{10}}} \\ &= \frac{26}{5} \\ &= 5\frac{1}{5} \end{aligned}$$

参考 約分のしかた

4と10を2でわって2と5

7と7を7でわって1と1

8

$$\begin{aligned} & 1.8 \div 0.3 \times \frac{1}{4} \\ &= \frac{\overset{6}{\cancel{18}} \times \overset{1}{\cancel{10}} \times 1}{\underset{1}{\cancel{10}} \times \underset{1}{\cancel{3}} \times 4} \\ &= \frac{\overset{3}{\cancel{6}} \times 1 \times 1}{1 \times 1 \times \underset{2}{\cancel{4}}} \\ &= \frac{3}{2} \\ &= 1\frac{1}{2} \end{aligned}$$

参考 約分のしかた

18と3を3でわって6と1

10と10を10でわって1と1

6と4を2でわって3と2

9

$$\frac{5}{11} \div \frac{5}{11} \times \frac{3}{4}$$

10

$$\frac{5}{9} \times 2\frac{3}{5} \times 6$$

11

$$\frac{4}{11} \div \frac{10}{11} \times 7\frac{1}{2}$$

12

$$2\frac{2}{5} \times 1\frac{5}{8} \times 1\frac{1}{13}$$

9

$$\begin{aligned} & \frac{5}{11} \div \frac{5}{11} \times \frac{3}{4} \\ &= \frac{\overset{1}{\cancel{5}} \times \overset{1}{\cancel{11}} \times 3}{\overset{1}{\cancel{11}} \times \overset{1}{\cancel{5}} \times 4} \\ &= \frac{3}{4} \end{aligned}$$

参考 約分のしかた
 5と5を5でわって1と1
 11と11を11でわって1と1

10

$$\begin{aligned} & \frac{5}{9} \times 2\frac{3}{5} \times 6 \\ &= \frac{\overset{1}{\cancel{5}} \times 13 \times \overset{2}{\cancel{6}}}{\underset{3}{9} \times \overset{1}{\cancel{5}} \times 1} \\ &= \frac{26}{3} \\ &= 8\frac{2}{3} \end{aligned}$$

参考 約分のしかた
 5と5を5でわって1と1
 6と9を3でわって2と3

11

$$\begin{aligned} & \frac{4}{11} \div \frac{10}{11} \times 7\frac{1}{2} \\ &= \frac{\overset{2}{\cancel{4}} \times \overset{1}{\cancel{11}} \times 15}{\overset{1}{\cancel{11}} \times \overset{5}{10} \times 2} \\ &= \frac{\overset{1}{\cancel{2}} \times 1 \times \overset{3}{\cancel{15}}}{1 \times \overset{1}{\cancel{5}} \times \overset{1}{\cancel{2}}} \\ &= \frac{3}{1} \\ &= 3 \end{aligned}$$

参考 約分のしかた
 4と10を2でわって2と5
 11と11を11でわって1と1
 2と2を2でわって1と1
 15と5を5でわって3と1

12

$$\begin{aligned} & 2\frac{2}{5} \times 1\frac{5}{8} \times 1\frac{1}{13} \\ &= \frac{12 \times \overset{1}{\cancel{13}} \times \overset{7}{\cancel{14}}}{5 \times \overset{4}{8} \times \overset{1}{\cancel{13}}} \\ &= \frac{\overset{3}{\cancel{12}} \times 1 \times 7}{5 \times \overset{1}{\cancel{4}} \times 1} \\ &= \frac{21}{5} \\ &= 4\frac{1}{5} \end{aligned}$$

参考 約分のしかた
 13と13を13でわって1と1
 14と8を2でわって7と4
 12と4を4でわって3と1

13

$$\frac{4}{7} \div \frac{2}{5} \times 0.2$$

14

$$6\frac{1}{2} \times 2 \div \frac{13}{14}$$

15

$$\frac{5}{6} \div \frac{3}{14} \div 1\frac{1}{6}$$

16

$$6\frac{1}{2} \times \frac{9}{13} \times \frac{5}{6}$$

13

$$\begin{aligned} & \frac{4}{7} \div \frac{2}{5} \times 0.2 \\ &= \frac{\overset{2}{\cancel{4}} \times 5 \times \underset{5}{\cancel{2}}}{7 \times 2 \times \underset{5}{\cancel{10}}} \\ &= \frac{\underset{1}{\cancel{2}} \times \underset{1}{\cancel{5}} \times \underset{1}{\cancel{2}}}{7 \times \underset{1}{\cancel{2}} \times \underset{1}{\cancel{5}}} \\ &= \frac{2}{7} \end{aligned}$$

参考 約分のしかた

4と10を2でわって2と5

2と2を2でわって1と1

5と5を5でわって1と1

14

$$\begin{aligned} & 6\frac{1}{2} \times 2 \div \frac{13}{14} \\ &= \frac{\overset{1}{\cancel{13}} \times \underset{1}{\cancel{2}} \times \underset{1}{\cancel{2}} \times 14}{\underset{1}{\cancel{2}} \times \underset{1}{\cancel{1}} \times \underset{1}{\cancel{13}}} \\ &= \frac{14}{1} \\ &= 14 \end{aligned}$$

参考 約分のしかた

13と13を13でわって1と1

2と2を2でわって1と1

15

$$\begin{aligned} & \frac{5}{6} \div \frac{3}{14} \div 1\frac{1}{6} \\ &= \frac{5 \times \overset{2}{\cancel{14}} \times \underset{1}{\cancel{6}}}{\underset{1}{\cancel{6}} \times 3 \times \underset{1}{\cancel{7}}} \\ &= \frac{10}{3} \\ &= 3\frac{1}{3} \end{aligned}$$

参考 約分のしかた

14と7を7でわって2と1

6と6を6でわって1と1

16

$$\begin{aligned} & 6\frac{1}{2} \times \frac{9}{13} \times \frac{5}{6} \\ &= \frac{\overset{1}{\cancel{13}} \times \overset{3}{\cancel{9}} \times 5}{2 \times \underset{1}{\cancel{13}} \times \underset{2}{\cancel{6}}} \\ &= \frac{15}{4} \\ &= 3\frac{3}{4} \end{aligned}$$

参考 約分のしかた

13と13を13でわって1と1

9と6を3でわって3と2

17

$$1\frac{2}{11} \times 1\frac{2}{5} \div 2.6$$

18

$$\frac{1}{7} \times 4\frac{1}{3} \div \frac{1}{7}$$

19

$$1.1 \div 1.1 \div 1\frac{3}{4}$$

20

$$\frac{2}{15} \div \frac{2}{11} \div \frac{3}{5}$$

17

$$\begin{aligned}
 & 1\frac{2}{11} \times 1\frac{2}{5} \div 2.6 \\
 &= \frac{13 \times 7 \times \overset{5}{\cancel{10}}}{11 \times 5 \times \underset{13}{\cancel{26}}} \\
 &= \frac{\overset{1}{\cancel{13}} \times 7 \times \underset{1}{\cancel{5}}}{11 \times \underset{1}{\cancel{5}} \times \underset{1}{\cancel{13}}} \\
 &= \frac{7}{11}
 \end{aligned}$$

参考 約分のしかた
 10と26を2でわって5と13
 13と13を13でわって1と1
 5と5を5でわって1と1

18

$$\begin{aligned}
 & \frac{1}{7} \times 4\frac{1}{3} \div \frac{1}{7} \\
 &= \frac{1 \times 13 \times \overset{1}{\cancel{7}}}{\underset{1}{\cancel{7}} \times 3 \times 1} \\
 &= \frac{13}{3} \\
 &= 4\frac{1}{3}
 \end{aligned}$$

参考 約分のしかた
 7と7を7でわって1と1

19

$$\begin{aligned}
 & 1.1 \div 1.1 \div 1\frac{3}{4} \\
 &= \frac{\overset{1}{\cancel{11}} \times \overset{1}{\cancel{10}} \times 4}{\underset{1}{\cancel{10}} \times \underset{1}{\cancel{11}} \times 7} \\
 &= \frac{4}{7}
 \end{aligned}$$

参考 約分のしかた
 11と11を11でわって1と1
 10と10を10でわって1と1

20

$$\begin{aligned}
 & \frac{2}{15} \div \frac{2}{11} \div \frac{3}{5} \\
 &= \frac{\overset{1}{\cancel{2}} \times 11 \times \overset{1}{\cancel{5}}}{\underset{3}{\cancel{15}} \times \underset{1}{\cancel{2}} \times 3} \\
 &= \frac{11}{9} \\
 &= 1\frac{2}{9}
 \end{aligned}$$

参考 約分のしかた
 2と2を2でわって1と1
 5と15を5でわって1と3

①

$$2\frac{3}{5} \times \frac{5}{12} \times 1\frac{1}{2}$$

②

$$2\frac{1}{4} \times 2\frac{2}{3} \times \frac{5}{9}$$

③

$$1\frac{5}{8} \div 1\frac{1}{7} \times 1\frac{1}{7}$$

④

$$1.8 \div 1\frac{1}{11} \div 4\frac{1}{2}$$

①

$$\begin{aligned}
& 2\frac{3}{5} \times \frac{5}{12} \times 1\frac{1}{2} \\
&= \frac{13 \times \overset{1}{\cancel{5}} \times \overset{1}{\cancel{2}}}{\underset{1}{\cancel{5}} \times \underset{4}{\cancel{12}} \times 2} \\
&= \frac{13}{8} \\
&= 1\frac{5}{8}
\end{aligned}$$

参考 約分のしかた
 5と5を5でわって1と1
 3と12を3でわって1と4

②

$$\begin{aligned}
& 2\frac{1}{4} \times 2\frac{2}{3} \times \frac{5}{9} \\
&= \frac{\overset{1}{\cancel{4}} \times \overset{2}{\cancel{8}} \times 5}{\underset{1}{\cancel{4}} \times 3 \times \underset{1}{\cancel{9}}} \\
&= \frac{10}{3} \\
&= 3\frac{1}{3}
\end{aligned}$$

参考 約分のしかた
 9と9を9でわって1と1
 8と4を4でわって2と1

③

$$\begin{aligned}
& 1\frac{5}{8} \div 1\frac{1}{7} \times 1\frac{1}{7} \\
&= \frac{13 \times \overset{1}{\cancel{7}} \times \overset{1}{\cancel{8}}}{\underset{1}{\cancel{8}} \times \underset{1}{\cancel{8}} \times \underset{1}{\cancel{7}}} \\
&= \frac{13}{8} \\
&= 1\frac{5}{8}
\end{aligned}$$

参考 約分のしかた
 7と7を7でわって1と1
 8と8を8でわって1と1

④

$$\begin{aligned}
& 1.8 \div 1\frac{1}{11} \div 4\frac{1}{2} \\
&= \frac{\overset{6}{\cancel{18}} \times 11 \times \overset{1}{\cancel{2}}}{\underset{5}{\cancel{10}} \times 12 \times \underset{3}{\cancel{6}}} \\
&= \frac{\overset{1}{\cancel{6}} \times 11 \times 1}{5 \times \underset{2}{\cancel{12}} \times 3} \\
&= \frac{11}{30}
\end{aligned}$$

参考 約分のしかた
 18と9を3でわって6と3
 2と10を2でわって1と5
 6と12を6でわって1と2

5

$$\frac{8}{9} \times 1\frac{2}{7} \div \frac{4}{9}$$

6

$$2\frac{2}{5} \times 5 \times 1\frac{3}{4}$$

7

$$1\frac{1}{2} \div 1.8 \times 2.4$$

8

$$\frac{6}{13} \div 7\frac{1}{2} \div \frac{10}{13}$$

5

$$\begin{aligned} & \frac{8}{9} \times 1\frac{2}{7} \div \frac{4}{9} \\ &= \frac{\overset{2}{\cancel{8}} \times \overset{1}{\cancel{7}} \times 9}{\underset{1}{\cancel{9}} \times 7 \times \underset{1}{\cancel{4}}} \\ &= \frac{18}{7} \\ &= 2\frac{4}{7} \end{aligned}$$

参考 約分のしかた

8と4を4でわって2と1

9と9を9でわって1と1

6

$$\begin{aligned} & 2\frac{2}{5} \times 5 \times 1\frac{3}{4} \\ &= \frac{\overset{3}{\cancel{12}} \times \overset{1}{\cancel{5}} \times 7}{\underset{1}{\cancel{5}} \times 1 \times \underset{1}{\cancel{4}}} \\ &= \frac{21}{1} \\ &= 21 \end{aligned}$$

参考 約分のしかた

12と4を4でわって3と1

5と5を5でわって1と1

7

$$\begin{aligned} & 1\frac{1}{2} \div 1.8 \times 2.4 \\ &= \frac{3 \times \overset{1}{\cancel{10}} \times \overset{4}{\cancel{24}}}{2 \times \overset{3}{\cancel{18}} \times \overset{1}{\cancel{10}}} \\ &= \frac{\overset{1}{\cancel{3}} \times 1 \times \overset{2}{\cancel{4}}}{\underset{1}{\cancel{2}} \times \underset{1}{\cancel{3}} \times 1} \\ &= \frac{2}{1} \\ &= 2 \end{aligned}$$

参考 約分のしかた

10と10を10でわって1と1

24と18を6でわって4と3

3と3を3でわって1と1

4と2を2でわって2と1

8

$$\begin{aligned} & \frac{6}{13} \div 7\frac{1}{2} \div \frac{10}{13} \\ &= \frac{\overset{2}{\cancel{6}} \times \overset{1}{\cancel{2}} \times \overset{1}{\cancel{13}}}{\underset{1}{\cancel{13}} \times \overset{5}{\cancel{15}} \times \overset{5}{\cancel{10}}} \\ &= \frac{2}{25} \end{aligned}$$

参考 約分のしかた

6と15を3でわって2と5

2と10を2でわって1と5

13と13を13でわって1と1

9

$$2.1 \times 0.4 \div \frac{2}{5}$$

10

$$2\frac{2}{5} \div 1\frac{1}{7} \times 1\frac{5}{7}$$

11

$$\frac{10}{13} \div 1\frac{3}{7} \times 1\frac{2}{7}$$

12

$$0.8 \div 1.1 \times \frac{1}{2}$$

9

$$\begin{aligned}
& 2.1 \times 0.4 \div \frac{2}{5} \\
&= \frac{21 \times \overset{2}{\cancel{4}} \times 5}{\underset{5}{\cancel{10}} \times \cancel{10} \times 2} \\
&= \frac{21 \times \overset{1}{\cancel{2}} \times \overset{1}{\cancel{5}}}{\underset{1}{\cancel{5}} \times \underset{5}{\cancel{10}} \times 2} \\
&= \frac{21}{10} \\
&= 2\frac{1}{10}
\end{aligned}$$

参考 約分のしかた

4と10を2でわって2と5

2と10を2でわって1と5

5と5を5でわって1と1

10

$$\begin{aligned}
& 2\frac{2}{5} \div 1\frac{1}{7} \times 1\frac{5}{7} \\
&= \frac{12 \times \overset{1}{\cancel{7}} \times \overset{6}{\cancel{12}}}{5 \times \underset{4}{\cancel{8}} \times \underset{1}{\cancel{7}}} \\
&= \frac{\overset{3}{\cancel{12}} \times 1 \times 6}{5 \times \underset{1}{\cancel{4}} \times 1} \\
&= \frac{18}{5} \\
&= 3\frac{3}{5}
\end{aligned}$$

参考 約分のしかた

7と7を7でわって1と1

12と8を2でわって6と4

12と4を4でわって3と1

11

$$\begin{aligned}
& \frac{10}{13} \div 1\frac{3}{7} \times 1\frac{2}{7} \\
&= \frac{\overset{1}{\cancel{10}} \times \overset{1}{\cancel{7}} \times 9}{13 \times \underset{1}{\cancel{10}} \times \underset{1}{\cancel{7}}} \\
&= \frac{9}{13}
\end{aligned}$$

参考 約分のしかた

10と10を10でわって1と1

7と7を7でわって1と1

12

$$\begin{aligned}
& 0.8 \div 1.1 \times \frac{1}{2} \\
&= \frac{\overset{4}{\cancel{8}} \times \overset{1}{\cancel{10}} \times 1}{\underset{1}{\cancel{10}} \times 11 \times \underset{1}{\cancel{2}}} \\
&= \frac{4}{11}
\end{aligned}$$

参考 約分のしかた

8と2を2でわって4と1

10と10を10でわって1と1

13

$$1\frac{4}{5} \div 1.8 \div 1\frac{2}{5}$$

14

$$1\frac{1}{12} \times \frac{1}{7} \times \frac{6}{13}$$

15

$$1\frac{2}{3} \times 1.8 \div 1\frac{3}{8}$$

16

$$\frac{3}{4} \div \frac{7}{13} \times \frac{9}{13}$$

13

$$\begin{aligned}
 & 1\frac{4}{5} \div 1.8 \div 1\frac{2}{5} \\
 & = \frac{9 \times \overset{5}{\cancel{10}} \times 5}{5 \times \overset{9}{\cancel{18}} \times 7} \\
 & = \frac{\overset{1}{\cancel{9}} \times \overset{1}{\cancel{5}} \times 5}{5 \times \overset{1}{\cancel{9}} \times 7} \\
 & = \frac{5}{7}
 \end{aligned}$$

参考 約分のしかた

10と18を2でわって5と9

9と9を9でわって1と1

5と5を5でわって1と1

14

$$\begin{aligned}
 & 1\frac{1}{12} \times \frac{1}{7} \times \frac{6}{13} \\
 & = \frac{\overset{1}{\cancel{12}} \times 1 \times \overset{1}{\cancel{6}}}{\overset{2}{\cancel{12}} \times 7 \times \overset{1}{\cancel{13}}} \\
 & = \frac{1}{14}
 \end{aligned}$$

参考 約分のしかた

13と13を13でわって1と1

6と12を6でわって1と2

15

$$\begin{aligned}
 & 1\frac{2}{3} \times 1.8 \div 1\frac{3}{8} \\
 & = \frac{5 \times \overset{9}{\cancel{18}} \times 8}{3 \times \overset{10}{\cancel{10}} \times 11} \\
 & = \frac{\overset{1}{\cancel{5}} \times \overset{3}{\cancel{9}} \times 8}{\overset{3}{\cancel{9}} \times \overset{1}{\cancel{5}} \times 11} \\
 & = \frac{24}{11} \\
 & = 2\frac{2}{11}
 \end{aligned}$$

参考 約分のしかた

18と10を2でわって9と5

5と5を5でわって1と1

9と3を3でわって3と1

16

$$\begin{aligned}
 & \frac{3}{4} \div \frac{7}{13} \times \frac{9}{13} \\
 & = \frac{3 \times \overset{1}{\cancel{13}} \times 9}{4 \times 7 \times \overset{1}{\cancel{13}}} \\
 & = \frac{27}{28}
 \end{aligned}$$

参考 約分のしかた

13と13を13でわって1と1

17

$$2\frac{2}{3} \div 1.6 \times \frac{4}{9}$$

18

$$4\frac{1}{2} \div \frac{3}{4} \div 1\frac{1}{14}$$

19

$$\frac{8}{13} \times 2\frac{1}{6} \times 1.1$$

20

$$1\frac{2}{3} \div 2\frac{1}{6} \times 2\frac{1}{2}$$

17

$$\begin{aligned}
 & 2\frac{2}{3} \div 1.6 \times \frac{4}{9} \\
 &= \frac{8 \times \overset{5}{\cancel{10}} \times 4}{3 \times \underset{8}{\cancel{16}} \times 9} \\
 &= \frac{\overset{1}{\cancel{8}} \times 5 \times 4}{3 \times \underset{1}{\cancel{8}} \times 9} \\
 &= \frac{20}{27}
 \end{aligned}$$

参考 約分のしかた

10と16を2でわって5と8

8と8を8でわって1と1

18

$$\begin{aligned}
 & 4\frac{1}{2} \div \frac{3}{4} \div 1\frac{1}{14} \\
 &= \frac{\overset{3}{\cancel{6}} \times \overset{2}{\cancel{4}} \times 14}{\underset{1}{\cancel{2}} \times 3 \times \underset{5}{\cancel{15}}} \\
 &= \frac{\overset{1}{\cancel{3}} \times 2 \times 14}{1 \times \underset{1}{\cancel{3}} \times 5} \\
 &= \frac{28}{5} \\
 &= 5\frac{3}{5}
 \end{aligned}$$

参考 約分のしかた

9と15を3でわって3と5

4と2を2でわって2と1

3と3を3でわって1と1

19

$$\begin{aligned}
 & \frac{8}{13} \times 2\frac{1}{6} \times 1.1 \\
 &= \frac{\overset{4}{\cancel{8}} \times \overset{1}{\cancel{13}} \times 11}{\underset{1}{\cancel{13}} \times 6 \times \underset{5}{\cancel{10}}} \\
 &= \frac{\overset{2}{\cancel{4}} \times 1 \times 11}{1 \times \underset{3}{\cancel{6}} \times 5} \\
 &= \frac{22}{15} \\
 &= 1\frac{7}{15}
 \end{aligned}$$

参考 約分のしかた

8と10を2でわって4と5

13と13を13でわって1と1

4と6を2でわって2と3

20

$$\begin{aligned}
 & 1\frac{2}{3} \div 2\frac{1}{6} \times 2\frac{1}{2} \\
 &= \frac{5 \times \overset{2}{\cancel{6}} \times 5}{\underset{1}{\cancel{3}} \times 13 \times 2} \\
 &= \frac{5 \times \overset{1}{\cancel{2}} \times 5}{1 \times 13 \times \underset{1}{\cancel{2}}} \\
 &= \frac{25}{13} \\
 &= 1\frac{12}{13}
 \end{aligned}$$

参考 約分のしかた

6と3を3でわって2と1

2と2を2でわって1と1

①

$$4\frac{1}{2} \times 0.4 \div 2\frac{3}{5}$$

②

$$\frac{1}{3} \div 1\frac{1}{3} \div 0.8$$

③

$$2.1 \div \frac{3}{5} \times \frac{4}{11}$$

④

$$2\frac{1}{2} \div \frac{11}{12} \times \frac{11}{14}$$

①

$$\begin{aligned}
 & 4\frac{1}{2} \times 0.4 \div 2\frac{3}{5} \\
 &= \frac{9 \times \overset{2}{\cancel{4}} \times 5}{2 \times \overset{10}{\cancel{10}} \times 13} \\
 &= \frac{9 \times \overset{1}{\cancel{2}} \times \overset{1}{\cancel{5}}}{\underset{1}{\cancel{2}} \times \underset{1}{\cancel{5}} \times 13} \\
 &= \frac{9}{13}
 \end{aligned}$$

参考 約分のしかた

4と10を2でわって2と5

2と2を2でわって1と1

5と5を5でわって1と1

②

$$\begin{aligned}
 & \frac{1}{3} \div 1\frac{1}{3} \div 0.8 \\
 &= \frac{1 \times \overset{1}{\cancel{3}} \times \overset{5}{\cancel{10}}}{\underset{1}{\cancel{3}} \times \underset{2}{\cancel{4}} \times 8} \\
 &= \frac{5}{16}
 \end{aligned}$$

参考 約分のしかた

3と3を3でわって1と1

10と4を2でわって5と2

③

$$\begin{aligned}
 & 2.1 \div \frac{3}{5} \times \frac{4}{11} \\
 &= \frac{\overset{7}{\cancel{21}} \times \overset{1}{\cancel{5}} \times 4}{\underset{2}{\cancel{10}} \times \underset{1}{\cancel{3}} \times 11} \\
 &= \frac{7 \times 1 \times \overset{2}{\cancel{4}}}{\underset{1}{\cancel{2}} \times 1 \times 11} \\
 &= \frac{14}{11} \\
 &= 1\frac{3}{11}
 \end{aligned}$$

参考 約分のしかた

21と3を3でわって7と1

5と10を5でわって1と2

4と2を2でわって2と1

④

$$\begin{aligned}
 & 2\frac{1}{2} \div \frac{11}{12} \times \frac{11}{14} \\
 &= \frac{5 \times \overset{6}{\cancel{12}} \times \overset{1}{\cancel{11}}}{2 \times \underset{1}{\cancel{11}} \times \underset{7}{\cancel{14}}} \\
 &= \frac{5 \times \overset{3}{\cancel{6}} \times 1}{\underset{1}{\cancel{2}} \times 1 \times 7} \\
 &= \frac{15}{7} \\
 &= 2\frac{1}{7}
 \end{aligned}$$

参考 約分のしかた

12と14を2でわって6と7

11と11を11でわって1と1

6と2を2でわって3と1

5

$$7\frac{1}{2} \div 4 \times 1\frac{1}{7}$$

6

$$1\frac{3}{5} \times 1\frac{2}{3} \div \frac{2}{3}$$

7

$$1\frac{7}{8} \times 1.4 \div 2.8$$

8

$$\frac{1}{2} \times \frac{5}{7} \times 2\frac{4}{5}$$

5

$$\begin{aligned}
 & 7\frac{1}{2} \div 4 \times 1\frac{1}{7} \\
 &= \frac{15 \times \overset{2}{\cancel{1}} \times \overset{2}{\cancel{8}}}{2 \times \overset{4}{\cancel{4}} \times 7} \\
 &= \frac{15 \times \overset{1}{\cancel{8}} \times \overset{1}{\cancel{2}}}{\overset{1}{\cancel{8}} \times 1 \times 7} \\
 &= \frac{15}{7} \\
 &= 2\frac{1}{7}
 \end{aligned}$$

参考 約分のしかた

8と4を4でわって2と1

2と2を2でわって1と1

6

$$\begin{aligned}
 & 1\frac{3}{5} \times 1\frac{2}{3} \div \frac{2}{3} \\
 &= \frac{\overset{4}{\cancel{8}} \times \overset{1}{\cancel{5}} \times \overset{1}{\cancel{3}}}{\overset{1}{\cancel{5}} \times \overset{1}{\cancel{3}} \times \overset{1}{\cancel{3}}} \\
 &= \frac{4}{1} \\
 &= 4
 \end{aligned}$$

参考 約分のしかた

8と2を2でわって4と1

5と5を5でわって1と1

3と3を3でわって1と1

7

$$\begin{aligned}
 & 1\frac{7}{8} \times 1.4 \div 2.8 \\
 &= \frac{15 \times \overset{1}{\cancel{14}} \times \overset{1}{\cancel{10}}}{8 \times \overset{1}{\cancel{10}} \times \overset{2}{\cancel{28}}} \\
 &= \frac{15}{16}
 \end{aligned}$$

参考 約分のしかた

14と28を14でわって1と2

10と10を10でわって1と1

8

$$\begin{aligned}
 & \frac{1}{2} \times \frac{5}{7} \times 2\frac{4}{5} \\
 &= \frac{1 \times \overset{1}{\cancel{5}} \times \overset{2}{\cancel{14}}}{2 \times \overset{1}{\cancel{7}} \times \overset{1}{\cancel{5}}} \\
 &= \frac{1 \times 1 \times \overset{1}{\cancel{2}}}{\overset{1}{\cancel{2}} \times 1 \times 1} \\
 &= \frac{1}{1} \\
 &= 1
 \end{aligned}$$

参考 約分のしかた

5と5を5でわって1と1

14と7を7でわって2と1

2と2を2でわって1と1

9

$$\frac{8}{9} \times 0.3 \times 4\frac{1}{2}$$

10

$$1\frac{2}{7} \div 2\frac{2}{3} \div 2\frac{1}{4}$$

11

$$1\frac{3}{11} \div 1\frac{3}{7} \times 2\frac{1}{7}$$

12

$$1\frac{1}{8} \div 0.9 \times \frac{4}{11}$$

9

$$\begin{aligned} & \frac{8}{9} \times 0.3 \times 4\frac{1}{2} \\ &= \frac{\overset{4}{\cancel{8}} \times 3 \times \overset{1}{\cancel{4}}}{\overset{1}{\cancel{9}} \times 10 \times \overset{1}{\cancel{2}}} \\ &= \frac{\overset{2}{\cancel{4}} \times 3 \times 1}{1 \times \overset{5}{\cancel{10}} \times 1} \\ &= \frac{6}{5} \\ &= 1\frac{1}{5} \end{aligned}$$

参考 約分のしかた

8と2を2でわって4と1

9と9を9でわって1と1

4と10を2でわって2と5

10

$$\begin{aligned} & 1\frac{2}{7} \div 2\frac{2}{3} \div 2\frac{1}{4} \\ &= \frac{\overset{1}{\cancel{4}} \times 3 \times \overset{1}{\cancel{4}}}{7 \times \overset{2}{\cancel{8}} \times \overset{1}{\cancel{4}}} \\ &= \frac{3}{14} \end{aligned}$$

参考 約分のしかた

9と9を9でわって1と1

4と8を4でわって1と2

11

$$\begin{aligned} & 1\frac{3}{11} \div 1\frac{3}{7} \times 2\frac{1}{7} \\ &= \frac{\overset{7}{\cancel{14}} \times 7 \times 15}{11 \times \overset{5}{\cancel{10}} \times 7} \\ &= \frac{\overset{1}{\cancel{7}} \times 7 \times \overset{3}{\cancel{15}}}{11 \times \overset{5}{\cancel{5}} \times \overset{1}{\cancel{7}}} \\ &= \frac{21}{11} \\ &= 1\frac{10}{11} \end{aligned}$$

参考 約分のしかた

14と10を2でわって7と5

7と7を7でわって1と1

15と5を5でわって3と1

12

$$\begin{aligned} & 1\frac{1}{8} \div 0.9 \times \frac{4}{11} \\ &= \frac{\overset{1}{\cancel{4}} \times 10 \times \overset{1}{\cancel{4}}}{\overset{2}{\cancel{8}} \times \overset{1}{\cancel{9}} \times 11} \\ &= \frac{1 \times \overset{5}{\cancel{10}} \times 1}{\overset{1}{\cancel{2}} \times 1 \times 11} \\ &= \frac{5}{11} \end{aligned}$$

参考 約分のしかた

9と9を9でわって1と1

4と8を4でわって1と2

10と2を2でわって5と1

13

$$7 \div \frac{1}{5} \times \frac{3}{5}$$

14

$$\frac{5}{9} \div 0.3 \times 0.3$$

15

$$\frac{12}{13} \div 2\frac{2}{5} \times 1\frac{3}{5}$$

16

$$2.8 \times \frac{5}{11} \div \frac{14}{15}$$

13

$$\begin{aligned}
& 7 \div \frac{1}{5} \times \frac{3}{5} \\
&= \frac{7 \times \overset{1}{\cancel{5}} \times 3}{1 \times \underset{1}{\cancel{1}} \times \underset{1}{\cancel{5}}} \\
&= \frac{21}{1} \\
&= 21
\end{aligned}$$

参考 約分のしかた
5と5を5でわって1と1

14

$$\begin{aligned}
& \frac{5}{9} \div 0.3 \times 0.3 \\
&= \frac{5 \times \overset{1}{\cancel{10}} \times \underset{1}{\cancel{3}}}{\underset{3}{9} \times 3 \times \underset{1}{\cancel{10}}} \\
&= \frac{5}{9}
\end{aligned}$$

参考 約分のしかた
10と10を10でわって1と1
3と9を3でわって1と3

15

$$\begin{aligned}
& \frac{12}{13} \div 2\frac{2}{5} \times 1\frac{3}{5} \\
&= \frac{\overset{1}{\cancel{12}} \times \overset{1}{\cancel{5}} \times 8}{13 \times \underset{1}{\cancel{12}} \times \underset{1}{\cancel{5}}} \\
&= \frac{8}{13}
\end{aligned}$$

参考 約分のしかた
12と12を12でわって1と1
5と5を5でわって1と1

16

$$\begin{aligned}
& 2.8 \times \frac{5}{11} \div \frac{14}{15} \\
&= \frac{\overset{14}{28} \times 5 \times 15}{\underset{5}{10} \times 11 \times 14} \\
&= \frac{\overset{1}{\cancel{14}} \times \overset{1}{\cancel{5}} \times 15}{\underset{1}{5} \times 11 \times \underset{1}{\cancel{14}}} \\
&= \frac{15}{11} \\
&= 1\frac{4}{11}
\end{aligned}$$

参考 約分のしかた
28と10を2でわって14と5
14と14を14でわって1と1
5と5を5でわって1と1

17

$$1\frac{3}{7} \times \frac{10}{11} \div \frac{5}{11}$$

18

$$4 \div \frac{11}{15} \times 2\frac{3}{4}$$

19

$$0.7 \times 0.5 \div \frac{2}{15}$$

20

$$0.7 \div 2.1 \div 1\frac{3}{4}$$

17

$$\begin{aligned}
 & 1\frac{3}{7} \times \frac{10}{11} \div \frac{5}{11} \\
 &= \frac{\overset{2}{\cancel{10}} \times \overset{1}{\cancel{10}} \times \overset{1}{\cancel{11}}}{7 \times \overset{1}{\cancel{11}} \times \overset{1}{\cancel{5}}} \\
 &= \frac{20}{7} \\
 &= 2\frac{6}{7}
 \end{aligned}$$

参考 約分のしかた

10と5を5でわって2と1

11と11を11でわって1と1

18

$$\begin{aligned}
 & 4 \div \frac{11}{15} \times 2\frac{3}{4} \\
 &= \frac{\overset{1}{\cancel{4}} \times \overset{1}{\cancel{15}} \times \overset{1}{\cancel{11}}}{1 \times \overset{1}{\cancel{11}} \times \overset{1}{\cancel{4}}} \\
 &= \frac{15}{1} \\
 &= 15
 \end{aligned}$$

参考 約分のしかた

4と4を4でわって1と1

11と11を11でわって1と1

19

$$\begin{aligned}
 & 0.7 \times 0.5 \div \frac{2}{15} \\
 &= \frac{7 \times \overset{1}{\cancel{5}} \times \overset{3}{\cancel{15}}}{\overset{2}{\cancel{10}} \times \overset{2}{\cancel{10}} \times 2} \\
 &= \frac{21}{8} \\
 &= 2\frac{5}{8}
 \end{aligned}$$

参考 約分のしかた

5と10を5でわって1と2

15と10を5でわって3と2

20

$$\begin{aligned}
 & 0.7 \div 2.1 \div 1\frac{3}{4} \\
 &= \frac{\overset{1}{\cancel{7}} \times \overset{1}{\cancel{10}} \times 4}{\overset{1}{\cancel{10}} \times \overset{3}{\cancel{21}} \times 7} \\
 &= \frac{4}{21}
 \end{aligned}$$

参考 約分のしかた

7と21を7でわって1と3

10と10を10でわって1と1

①

$$0.6 \div 1\frac{1}{5} \div 1\frac{1}{14}$$

②

$$\frac{8}{9} \div 1\frac{1}{7} \times \frac{5}{14}$$

③

$$\frac{5}{9} \div \frac{2}{13} \times 0.9$$

④

$$2.1 \div \frac{9}{14} \times \frac{5}{14}$$

①

$$\begin{aligned}
 & 0.6 \div 1\frac{1}{5} \div 1\frac{1}{14} \\
 &= \frac{\overset{1}{\cancel{6}} \times \overset{1}{\cancel{5}} \times \overset{7}{\cancel{14}}}{\underset{5}{\cancel{10}} \times \underset{1}{\cancel{6}} \times \underset{3}{\cancel{15}}} \\
 &= \frac{7}{15}
 \end{aligned}$$

参考 約分のしかた

6と6を6でわって1と1

5と15を5でわって1と3

14と10を2でわって7と5

②

$$\begin{aligned}
 & \frac{8}{9} \div 1\frac{1}{7} \times \frac{5}{14} \\
 &= \frac{\overset{1}{\cancel{8}} \times \overset{1}{\cancel{7}} \times 5}{9 \times \underset{1}{\cancel{8}} \times \underset{2}{\cancel{14}}} \\
 &= \frac{5}{18}
 \end{aligned}$$

参考 約分のしかた

8と8を8でわって1と1

7と14を7でわって1と2

③

$$\begin{aligned}
 & \frac{5}{9} \div \frac{2}{13} \times 0.9 \\
 &= \frac{\overset{1}{\cancel{5}} \times 13 \times \overset{1}{\cancel{9}}}{\underset{9}{\cancel{9}} \times 2 \times \underset{2}{\cancel{10}}} \\
 &= \frac{13}{4} \\
 &= 3\frac{1}{4}
 \end{aligned}$$

参考 約分のしかた

5と10を5でわって1と2

9と9を9でわって1と1

④

$$\begin{aligned}
 & 2.1 \div \frac{9}{14} \times \frac{5}{14} \\
 &= \frac{\overset{7}{\cancel{21}} \times \overset{1}{\cancel{14}} \times \overset{1}{\cancel{5}}}{\underset{2}{\cancel{10}} \times \underset{3}{\cancel{9}} \times \underset{1}{\cancel{14}}} \\
 &= \frac{7}{6} \\
 &= 1\frac{1}{6}
 \end{aligned}$$

参考 約分のしかた

21と9を3でわって7と3

14と14を14でわって1と1

5と10を5でわって1と2

5

$$\frac{2}{5} \div \frac{2}{3} \times \frac{3}{5}$$

6

$$\frac{9}{13} \div \frac{2}{15} \times 2\frac{3}{5}$$

7

$$\frac{3}{11} \times 4\frac{1}{3} \times \frac{3}{13}$$

8

$$3 \div 1\frac{1}{14} \times \frac{5}{9}$$

5

$$\begin{aligned} & \frac{2}{5} \div \frac{2}{3} \times \frac{3}{5} \\ & = \frac{\cancel{2} \times 3 \times 3}{5 \times \cancel{2} \times 5} \\ & = \frac{9}{25} \end{aligned}$$

参考 約分のしかた
2と2を2でわって1と1

6

$$\begin{aligned} & \frac{9}{13} \div \frac{2}{15} \times 2\frac{3}{5} \\ & = \frac{9 \times \overset{3}{\cancel{15}} \times \overset{1}{\cancel{13}}}{\cancel{13} \times 2 \times \underset{1}{5}} \\ & = \frac{27}{2} \\ & = 13\frac{1}{2} \end{aligned}$$

参考 約分のしかた
15と5を5でわって3と1
13と13を13でわって1と1

7

$$\begin{aligned} & \frac{3}{11} \times 4\frac{1}{3} \times \frac{3}{13} \\ & = \frac{\cancel{3} \times \overset{1}{\cancel{13}} \times 3}{11 \times \underset{1}{\cancel{3}} \times \underset{1}{\cancel{13}}} \\ & = \frac{3}{11} \end{aligned}$$

参考 約分のしかた
3と3を3でわって1と1
13と13を13でわって1と1

8

$$\begin{aligned} & 3 \div 1\frac{1}{14} \times \frac{5}{9} \\ & = \frac{\cancel{3} \times 14 \times \underset{3}{5}}{1 \times \overset{3}{\cancel{15}} \times \underset{3}{9}} \\ & = \frac{14}{9} \\ & = 1\frac{5}{9} \end{aligned}$$

参考 約分のしかた
3と9を3でわって1と3
5と15を5でわって1と3

9

$$\frac{12}{13} \times 1.6 \times \frac{5}{8}$$

10

$$\frac{2}{13} \div \frac{4}{13} \times \frac{4}{11}$$

11

$$\frac{11}{15} \div 3\frac{2}{3} \times 0.8$$

12

$$0.8 \times 1\frac{5}{7} \div 1.6$$

9

$$\begin{aligned} & \frac{12}{13} \times 1.6 \times \frac{5}{8} \\ &= \frac{12 \times \overset{2}{\cancel{16}} \times \overset{1}{\cancel{5}}}{13 \times \overset{2}{\cancel{10}} \times \overset{1}{\cancel{8}}} \\ &= \frac{\overset{6}{\cancel{12}} \times 2 \times 1}{13 \times \overset{1}{\cancel{8}} \times 1} \\ &= \frac{12}{13} \end{aligned}$$

参考 約分のしかた

16と8を8でわって2と1

5と10を5でわって1と2

12と2を2でわって6と1

10

$$\begin{aligned} & \frac{2}{13} \div \frac{4}{13} \times \frac{4}{11} \\ &= \frac{2 \times \overset{1}{\cancel{13}} \times \overset{1}{\cancel{4}}}{\overset{1}{\cancel{13}} \times \overset{1}{\cancel{4}} \times 11} \\ &= \frac{2}{11} \end{aligned}$$

参考 約分のしかた

13と13を13でわって1と1

4と4を4でわって1と1

11

$$\begin{aligned} & \frac{11}{15} \div 3\frac{2}{3} \times 0.8 \\ &= \frac{\overset{1}{\cancel{11}} \times \overset{1}{\cancel{8}} \times \overset{4}{\cancel{8}}}{\overset{5}{\cancel{15}} \times \overset{1}{\cancel{11}} \times \overset{5}{\cancel{10}}} \\ &= \frac{4}{25} \end{aligned}$$

参考 約分のしかた

11と11を11でわって1と1

3と15を3でわって1と5

8と10を2でわって4と5

12

$$\begin{aligned} & 0.8 \times 1\frac{5}{7} \div 1.6 \\ &= \frac{8 \times \overset{3}{\cancel{12}} \times \overset{1}{\cancel{10}}}{\overset{1}{\cancel{10}} \times 7 \times \overset{4}{\cancel{16}}} \\ &= \frac{\overset{2}{\cancel{8}} \times 3 \times 1}{1 \times 7 \times \overset{1}{\cancel{4}}} \\ &= \frac{6}{7} \end{aligned}$$

参考 約分のしかた

12と16を4でわって3と4

10と10を10でわって1と1

8と4を4でわって2と1

13

$$1\frac{1}{3} \times 3\frac{1}{4} \div 1\frac{1}{12}$$

14

$$2.4 \div 2\frac{1}{5} \times 1\frac{1}{6}$$

15

$$\frac{1}{2} \div \frac{10}{11} \div 0.7$$

16

$$\frac{5}{8} \times \frac{1}{5} \div \frac{7}{8}$$

13

$$\begin{aligned}
 & 1\frac{1}{3} \times 3\frac{1}{4} \div 1\frac{1}{12} \\
 &= \frac{\overset{1}{\cancel{4}} \times \overset{1}{\cancel{3}} \times \overset{4}{\cancel{12}}}{\underset{1}{\cancel{3}} \times \underset{1}{\cancel{4}} \times \underset{1}{\cancel{12}}} \\
 &= \frac{4}{1} \\
 &= 4
 \end{aligned}$$

参考 約分のしかた

4と4を4でわって1と1

13と13を13でわって1と1

12と3を3でわって4と1

14

$$\begin{aligned}
 & 2.4 \div 2\frac{1}{5} \times 1\frac{1}{6} \\
 &= \frac{\overset{12}{\cancel{24}} \times 5 \times 7}{\underset{5}{\cancel{10}} \times 11 \times \underset{6}{\cancel{6}}} \\
 &= \frac{\overset{2}{\cancel{12}} \times \overset{1}{\cancel{5}} \times 7}{\underset{1}{\cancel{5}} \times 11 \times \underset{1}{\cancel{6}}} \\
 &= \frac{14}{11} \\
 &= 1\frac{3}{11}
 \end{aligned}$$

参考 約分のしかた

24と10を2でわって12と5

12と6を6でわって2と1

5と5を5でわって1と1

15

$$\begin{aligned}
 & \frac{1}{2} \div \frac{10}{11} \div 0.7 \\
 &= \frac{1 \times 11 \times \overset{1}{\cancel{10}}}{2 \times \underset{1}{\cancel{10}} \times 7} \\
 &= \frac{11}{14}
 \end{aligned}$$

参考 約分のしかた

10と10を10でわって1と1

16

$$\begin{aligned}
 & \frac{5}{8} \times \frac{1}{5} \div \frac{7}{8} \\
 &= \frac{\overset{1}{\cancel{5}} \times 1 \times \overset{1}{\cancel{8}}}{\underset{1}{\cancel{8}} \times \underset{1}{\cancel{5}} \times 7} \\
 &= \frac{1}{7}
 \end{aligned}$$

参考 約分のしかた

5と5を5でわって1と1

8と8を8でわって1と1

17

$$4 \times 1.8 \div \frac{8}{15}$$

18

$$\frac{4}{9} \times \frac{13}{15} \div 1.3$$

19

$$3\frac{3}{4} \div 0.6 \div 2$$

20

$$2 \div 1\frac{1}{9} \div 2.2$$

17

$$\begin{aligned}
& 4 \times 1.8 \div \frac{8}{15} \\
&= \frac{4 \times 18 \times \overset{3}{\cancel{15}}}{\underset{2}{\cancel{1}} \times \underset{2}{\cancel{10}} \times \underset{2}{\cancel{8}}} \\
&= \frac{1 \times \overset{9}{\cancel{18}} \times 3}{\underset{1}{\cancel{1}} \times \underset{1}{\cancel{2}} \times 2} \\
&= \frac{27}{2} \\
&= 13\frac{1}{2}
\end{aligned}$$

参考 約分のしかた

4と8を4でわって1と2

15と10を5でわって3と2

18と2を2でわって9と1

18

$$\begin{aligned}
& \frac{4}{9} \times \frac{13}{15} \div 1.3 \\
&= \frac{4 \times \overset{1}{\cancel{13}} \times \overset{2}{\cancel{10}}}{9 \times \overset{3}{\cancel{15}} \times \underset{1}{\cancel{13}}} \\
&= \frac{8}{27}
\end{aligned}$$

参考 約分のしかた

13と13を13でわって1と1

10と15を5でわって2と3

19

$$\begin{aligned}
& 3\frac{3}{4} \div 0.6 \div 2 \\
&= \frac{\overset{5}{\cancel{15}} \times \overset{5}{\cancel{10}} \times 1}{\underset{2}{\cancel{4}} \times \underset{2}{\cancel{6}} \times 2} \\
&= \frac{25}{8} \\
&= 3\frac{1}{8}
\end{aligned}$$

参考 約分のしかた

15と6を3でわって5と2

10と4を2でわって5と2

20

$$\begin{aligned}
& 2 \div 1\frac{1}{9} \div 2.2 \\
&= \frac{\overset{1}{\cancel{2}} \times 9 \times \overset{1}{\cancel{10}}}{1 \times \underset{1}{\cancel{10}} \times \underset{11}{\cancel{22}}} \\
&= \frac{9}{11}
\end{aligned}$$

参考 約分のしかた

2と22を2でわって1と11

10と10を10でわって1と1

①

$$\frac{1}{6} \times 1\frac{1}{9} \times 7\frac{1}{2}$$

②

$$4\frac{2}{3} \times \frac{9}{13} \times \frac{13}{15}$$

③

$$2\frac{3}{5} \times 3\frac{1}{3} \div \frac{13}{14}$$

④

$$5 \times \frac{1}{6} \div \frac{10}{13}$$

①

$$\begin{aligned} & \frac{1}{6} \times 1\frac{1}{9} \times 7\frac{1}{2} \\ &= \frac{1 \times \overset{5}{\cancel{10}} \times \overset{5}{\cancel{15}}}{\underset{3}{\cancel{6}} \times \underset{3}{\cancel{9}} \times 2} \\ &= \frac{25}{18} \\ &= 1\frac{7}{18} \end{aligned}$$

参考 約分のしかた

10と6を2でわって5と3

15と9を3でわって5と3

②

$$\begin{aligned} & 4\frac{2}{3} \times \frac{9}{13} \times \frac{13}{15} \\ &= \frac{14 \times \overset{3}{\cancel{9}} \times \overset{1}{\cancel{13}}}{3 \times \overset{1}{\cancel{13}} \times \overset{5}{\cancel{15}}} \\ &= \frac{14 \times \overset{1}{\cancel{3}} \times 1}{\overset{1}{\cancel{3}} \times 1 \times 5} \\ &= \frac{14}{5} \\ &= 2\frac{4}{5} \end{aligned}$$

参考 約分のしかた

9と15を3でわって3と5

13と13を13でわって1と1

3と3を3でわって1と1

③

$$\begin{aligned} & 2\frac{3}{5} \times 3\frac{1}{3} \div \frac{13}{14} \\ &= \frac{\overset{1}{\cancel{13}} \times \overset{2}{\cancel{10}} \times 14}{\underset{1}{\cancel{5}} \times 3 \times \overset{1}{\cancel{13}}} \\ &= \frac{28}{3} \\ &= 9\frac{1}{3} \end{aligned}$$

参考 約分のしかた

13と13を13でわって1と1

10と5を5でわって2と1

④

$$\begin{aligned} & 5 \times \frac{1}{6} \div \frac{10}{13} \\ &= \frac{\overset{1}{\cancel{5}} \times 1 \times 13}{1 \times 6 \times \overset{2}{\cancel{10}}} \\ &= \frac{13}{12} \\ &= 1\frac{1}{12} \end{aligned}$$

参考 約分のしかた

5と10を5でわって1と2

5

$$2.8 \times \frac{6}{7} \div 1\frac{1}{7}$$

6

$$2.4 \div 1.3 \times \frac{3}{4}$$

7

$$1\frac{2}{7} \times \frac{7}{15} \div \frac{1}{4}$$

8

$$1\frac{1}{2} \times \frac{4}{13} \times 3\frac{2}{3}$$

5

$$\begin{aligned}
 & 2.8 \times \frac{6}{7} \div 1\frac{1}{7} \\
 &= \frac{\overset{7}{\cancel{28}} \times \overset{3}{\cancel{6}} \times \overset{1}{\cancel{7}}}{\underset{5}{\cancel{10}} \times \underset{1}{\cancel{7}} \times \underset{2}{\cancel{8}}} \\
 &= \frac{21}{10} \\
 &= 2\frac{1}{10}
 \end{aligned}$$

参考 約分のしかた

28と8を4でわって7と2

6と10を2でわって3と5

7と7を7でわって1と1

6

$$\begin{aligned}
 & 2.4 \div 1.3 \times \frac{3}{4} \\
 &= \frac{\overset{6}{\cancel{24}} \times \overset{1}{\cancel{10}} \times \overset{3}{\cancel{4}}}{\underset{1}{\cancel{10}} \times \underset{1}{\cancel{13}} \times \underset{1}{\cancel{4}}} \\
 &= \frac{18}{13} \\
 &= 1\frac{5}{13}
 \end{aligned}$$

参考 約分のしかた

24と4を4でわって6と1

10と10を10でわって1と1

7

$$\begin{aligned}
 & 1\frac{2}{7} \times \frac{7}{15} \div \frac{1}{4} \\
 &= \frac{\overset{3}{\cancel{7}} \times \overset{1}{\cancel{7}} \times 4}{\underset{5}{\cancel{7}} \times \underset{1}{\cancel{15}} \times 1} \\
 &= \frac{12}{5} \\
 &= 2\frac{2}{5}
 \end{aligned}$$

参考 約分のしかた

9と15を3でわって3と5

7と7を7でわって1と1

8

$$\begin{aligned}
 & 1\frac{1}{2} \times \frac{4}{13} \times 3\frac{2}{3} \\
 &= \frac{\overset{1}{\cancel{3}} \times \overset{2}{\cancel{4}} \times \overset{11}{\cancel{33}}}{\underset{1}{\cancel{2}} \times \underset{1}{\cancel{13}} \times \underset{1}{\cancel{3}}} \\
 &= \frac{22}{13} \\
 &= 1\frac{9}{13}
 \end{aligned}$$

参考 約分のしかた

3と3を3でわって1と1

4と2を2でわって2と1

9

$$1\frac{2}{7} \times \frac{9}{11} \div \frac{9}{11}$$

10

$$\frac{4}{11} \div \frac{4}{11} \div 0.7$$

11

$$1.5 \div 0.7 \times \frac{8}{15}$$

12

$$1.5 \div \frac{2}{11} \div 1\frac{2}{9}$$

9

$$\begin{aligned}
 & 1\frac{2}{7} \times \frac{9}{11} \div \frac{9}{11} \\
 &= \frac{\cancel{9} \times 9 \times \cancel{11}}{7 \times \cancel{11} \times \cancel{9}} \\
 &= \frac{9}{7} \\
 &= 1\frac{2}{7}
 \end{aligned}$$

参考 約分のしかた

9と9を9でわって1と1

11と11を11でわって1と1

10

$$\begin{aligned}
 & \frac{4}{11} \div \frac{4}{11} \div 0.7 \\
 &= \frac{\cancel{4} \times \cancel{11} \times 10}{\cancel{11} \times \cancel{4} \times 7} \\
 &= \frac{10}{7} \\
 &= 1\frac{3}{7}
 \end{aligned}$$

参考 約分のしかた

4と4を4でわって1と1

11と11を11でわって1と1

11

$$\begin{aligned}
 & 1.5 \div 0.7 \times \frac{8}{15} \\
 &= \frac{\cancel{15} \times \cancel{10} \times 8}{\cancel{10} \times 7 \times \cancel{15}} \\
 &= \frac{8}{7} \\
 &= 1\frac{1}{7}
 \end{aligned}$$

参考 約分のしかた

15と15を15でわって1と1

10と10を10でわって1と1

12

$$\begin{aligned}
 & 1.5 \div \frac{2}{11} \div 1\frac{2}{9} \\
 &= \frac{\cancel{15}^3 \times \cancel{11} \times 9}{\cancel{10}^2 \times 2 \times \cancel{11}} \\
 &= \frac{27}{4} \\
 &= 6\frac{3}{4}
 \end{aligned}$$

参考 約分のしかた

15と10を5でわって3と2

11と11を11でわって1と1

13

$$4\frac{1}{2} \div 1\frac{5}{7} \div \frac{3}{4}$$

14

$$\frac{9}{14} \times \frac{1}{2} \times \frac{7}{15}$$

15

$$0.4 \div \frac{2}{5} \div 1\frac{2}{9}$$

16

$$2\frac{1}{4} \times 3\frac{1}{3} \div 1\frac{1}{8}$$

13

$$\begin{aligned}
 & 4\frac{1}{2} \div 1\frac{5}{7} \div \frac{3}{4} \\
 &= \frac{\overset{3}{\cancel{9}} \times 7 \times 4}{2 \times \underset{4}{\cancel{12}} \times 3} \\
 &= \frac{\overset{1}{\cancel{3}} \times 7 \times \underset{1}{\cancel{4}}}{2 \times \underset{1}{\cancel{4}} \times \underset{1}{\cancel{3}}} \\
 &= \frac{7}{2} \\
 &= 3\frac{1}{2}
 \end{aligned}$$

参考 約分のしかた

9と12を3でわって3と4

3と3を3でわって1と1

4と4を4でわって1と1

14

$$\begin{aligned}
 & \frac{9}{14} \times \frac{1}{2} \times \frac{7}{15} \\
 &= \frac{\overset{3}{\cancel{9}} \times 1 \times \underset{1}{\cancel{7}}}{\underset{2}{\cancel{14}} \times 2 \times \underset{5}{\cancel{15}}} \\
 &= \frac{3}{20}
 \end{aligned}$$

参考 約分のしかた

9と15を3でわって3と5

7と14を7でわって1と2

15

$$\begin{aligned}
 & 0.4 \div \frac{2}{5} \div 1\frac{2}{9} \\
 &= \frac{\overset{2}{\cancel{4}} \times 5 \times 9}{\underset{5}{\cancel{10}} \times 2 \times 11} \\
 &= \frac{\overset{1}{\cancel{2}} \times \underset{1}{\cancel{5}} \times 9}{\underset{1}{\cancel{5}} \times \underset{1}{\cancel{2}} \times 11} \\
 &= \frac{9}{11}
 \end{aligned}$$

参考 約分のしかた

4と10を2でわって2と5

2と2を2でわって1と1

5と5を5でわって1と1

16

$$\begin{aligned}
 & 2\frac{1}{4} \times 3\frac{1}{3} \div 1\frac{1}{8} \\
 &= \frac{\overset{1}{\cancel{9}} \times 10 \times \overset{2}{\cancel{8}}}{\underset{1}{\cancel{4}} \times 3 \times \underset{1}{\cancel{9}}} \\
 &= \frac{20}{3} \\
 &= 6\frac{2}{3}
 \end{aligned}$$

参考 約分のしかた

9と9を9でわって1と1

8と4を4でわって2と1

17

$$0.7 \times \frac{5}{14} \div 1.4$$

18

$$1\frac{5}{8} \div 1.3 \div 5\frac{1}{2}$$

19

$$6 \times \frac{7}{9} \div 2\frac{1}{2}$$

20

$$\frac{8}{15} \div \frac{5}{7} \times \frac{3}{4}$$

17

$$\begin{aligned}
 & 0.7 \times \frac{5}{14} \div 1.4 \\
 &= \frac{\overset{1}{\cancel{7}} \times 5 \times \overset{1}{\cancel{10}}}{\overset{1}{\cancel{10}} \times \overset{1}{\cancel{14}} \times 14} \\
 &= \frac{5}{28}
 \end{aligned}$$

参考 約分のしかた

7と14を7でわって1と2

10と10を10でわって1と1

18

$$\begin{aligned}
 & 1\frac{5}{8} \div 1.3 \div 5\frac{1}{2} \\
 &= \frac{\overset{1}{\cancel{13}} \times 10 \times \overset{1}{\cancel{2}}}{\overset{1}{\cancel{8}} \times \overset{1}{\cancel{13}} \times 11} \\
 &= \frac{1 \times \overset{5}{\cancel{10}} \times 1}{\overset{2}{\cancel{4}} \times 1 \times 11} \\
 &= \frac{5}{22}
 \end{aligned}$$

参考 約分のしかた

13と13を13でわって1と1

2と8を2でわって1と4

10と4を2でわって5と2

19

$$\begin{aligned}
 & 6 \times \frac{7}{9} \div 2\frac{1}{2} \\
 &= \frac{\overset{2}{\cancel{6}} \times 7 \times 2}{1 \times \overset{3}{\cancel{9}} \times 5} \\
 &= \frac{28}{15} \\
 &= 1\frac{13}{15}
 \end{aligned}$$

参考 約分のしかた

6と9を3でわって2と3

20

$$\begin{aligned}
 & \frac{8}{15} \div \frac{5}{7} \times \frac{3}{4} \\
 &= \frac{\overset{2}{\cancel{8}} \times 7 \times \overset{1}{\cancel{3}}}{\overset{5}{\cancel{15}} \times 5 \times \overset{1}{\cancel{4}}} \\
 &= \frac{14}{25}
 \end{aligned}$$

参考 約分のしかた

8と4を4でわって2と1

3と15を3でわって1と5

①

$$\frac{7}{15} \times \frac{11}{14} \times \frac{9}{11}$$

②

$$2.1 \div 1\frac{1}{6} \div \frac{13}{15}$$

③

$$2\frac{1}{2} \times \frac{2}{15} \times 1.1$$

④

$$1\frac{2}{13} \div 3\frac{1}{2} \times 1\frac{2}{5}$$

①

$$\begin{aligned} & \frac{7}{15} \times \frac{11}{14} \times \frac{9}{11} \\ &= \frac{\overset{1}{\cancel{7}} \times \overset{1}{\cancel{14}} \times \overset{3}{\cancel{9}}}{\underset{5}{\cancel{15}} \times \underset{2}{\cancel{14}} \times \underset{1}{\cancel{11}}} \\ &= \frac{3}{10} \end{aligned}$$

参考 約分のしかた

7と14を7でわって1と2

11と11を11でわって1と1

9と15を3でわって3と5

②

$$\begin{aligned} & 2.1 \div 1\frac{1}{6} \div \frac{13}{15} \\ &= \frac{\overset{3}{\cancel{21}} \times 6 \times \overset{3}{\cancel{15}}}{\underset{2}{\cancel{10}} \times \underset{1}{\cancel{7}} \times \underset{1}{\cancel{13}}} \\ &= \frac{3 \times \overset{3}{\cancel{6}} \times 3}{\underset{1}{\cancel{2}} \times 1 \times 13} \\ &= \frac{27}{13} \\ &= 2\frac{1}{13} \end{aligned}$$

参考 約分のしかた

21と7を7でわって3と1

15と10を5でわって3と2

6と2を2でわって3と1

③

$$\begin{aligned} & 2\frac{1}{2} \times \frac{2}{15} \times 1.1 \\ &= \frac{\overset{1}{\cancel{5}} \times \overset{1}{\cancel{2}} \times 11}{\underset{3}{\cancel{2}} \times \underset{3}{\cancel{15}} \times 10} \\ &= \frac{11}{30} \end{aligned}$$

参考 約分のしかた

5と15を5でわって1と3

2と2を2でわって1と1

④

$$\begin{aligned} & 1\frac{2}{13} \div 3\frac{1}{2} \times 1\frac{2}{5} \\ &= \frac{\overset{3}{\cancel{15}} \times 2 \times \overset{1}{\cancel{7}}}{\underset{1}{\cancel{13}} \times \underset{1}{\cancel{7}} \times \underset{1}{\cancel{5}}} \\ &= \frac{6}{13} \end{aligned}$$

参考 約分のしかた

15と5を5でわって3と1

7と7を7でわって1と1

5

$$2\frac{1}{3} \div 2\frac{1}{2} \div 7$$

6

$$1.3 \times \frac{4}{13} \div 2$$

7

$$1\frac{1}{4} \times 0.9 \times 1.5$$

8

$$4 \div \frac{8}{11} \times 4$$

5

$$\begin{aligned}
 & 2\frac{1}{3} \div 2\frac{1}{2} \div 7 \\
 &= \frac{\overset{1}{\cancel{7}} \times 2 \times 1}{3 \times \underset{1}{\cancel{5}} \times \underset{1}{\cancel{7}}} \\
 &= \frac{2}{15}
 \end{aligned}$$

参考 約分のしかた
7と7を7でわって1と1

6

$$\begin{aligned}
 & 1.3 \times \frac{4}{13} \div 2 \\
 &= \frac{\overset{1}{\cancel{13}} \times \overset{2}{\cancel{4}} \times 1}{10 \times \underset{1}{\cancel{13}} \times \underset{1}{\cancel{2}}} \\
 &= \frac{1 \times \overset{1}{\cancel{2}} \times 1}{\underset{5}{10} \times 1 \times 1} \\
 &= \frac{1}{5}
 \end{aligned}$$

参考 約分のしかた
13と13を13でわって1と1
4と2を2でわって2と1
2と10を2でわって1と5

7

$$\begin{aligned}
 & 1\frac{1}{4} \times 0.9 \times 1.5 \\
 &= \frac{\overset{1}{\cancel{5}} \times 9 \times \overset{3}{\cancel{15}}}{4 \times \underset{2}{\cancel{10}} \times \underset{2}{\cancel{10}}} \\
 &= \frac{27}{16} \\
 &= 1\frac{11}{16}
 \end{aligned}$$

参考 約分のしかた
5と10を5でわって1と2
15と10を5でわって3と2

8

$$\begin{aligned}
 & 4 \div \frac{8}{11} \times 4 \\
 &= \frac{4 \times 11 \times \overset{2}{\cancel{4}}}{1 \times \underset{4}{\cancel{8}} \times 1} \\
 &= \frac{\overset{1}{\cancel{4}} \times 11 \times 2}{1 \times \underset{1}{\cancel{4}} \times 1} \\
 &= \frac{22}{1} \\
 &= 22
 \end{aligned}$$

参考 約分のしかた
4と8を2でわって2と4
4と4を4でわって1と1

9

$$1.1 \times 0.9 \times \frac{8}{11}$$

10

$$\frac{4}{13} \div 1\frac{2}{13} \times 1\frac{1}{8}$$

11

$$1\frac{1}{11} \div \frac{5}{11} \div \frac{4}{15}$$

12

$$\frac{6}{13} \times \frac{2}{15} \div \frac{8}{15}$$

9

$$\begin{aligned}
 & 1.1 \times 0.9 \times \frac{8}{11} \\
 &= \frac{\overset{1}{\cancel{11}} \times \overset{4}{\cancel{9}} \times \overset{8}{\cancel{11}}}{\underset{5}{\cancel{10}} \times \underset{1}{\cancel{10}} \times \underset{1}{\cancel{11}}} \\
 &= \frac{1 \times 9 \times \overset{2}{\cancel{4}}}{\underset{5}{\cancel{10}} \times 5 \times 1} \\
 &= \frac{18}{25}
 \end{aligned}$$

参考 約分のしかた

11と11を11でわって1と1

8と10を2でわって4と5

4と10を2でわって2と5

10

$$\begin{aligned}
 & \frac{4}{13} \div 1 \frac{2}{13} \times 1 \frac{1}{8} \\
 &= \frac{\overset{1}{\cancel{4}} \times \overset{1}{\cancel{13}} \times \overset{3}{\cancel{9}}}{\underset{1}{\cancel{13}} \times \underset{5}{\cancel{15}} \times \underset{2}{\cancel{8}}} \\
 &= \frac{3}{10}
 \end{aligned}$$

参考 約分のしかた

4と8を4でわって1と2

13と13を13でわって1と1

9と15を3でわって3と5

11

$$\begin{aligned}
 & 1 \frac{1}{11} \div \frac{5}{11} \div \frac{4}{15} \\
 &= \frac{\overset{3}{\cancel{12}} \times \overset{1}{\cancel{11}} \times \overset{3}{\cancel{15}}}{\underset{1}{\cancel{11}} \times \underset{1}{\cancel{5}} \times \underset{1}{\cancel{4}}} \\
 &= \frac{9}{1} \\
 &= 9
 \end{aligned}$$

参考 約分のしかた

12と4を4でわって3と1

11と11を11でわって1と1

15と5を5でわって3と1

12

$$\begin{aligned}
 & \frac{6}{13} \times \frac{2}{15} \div \frac{8}{15} \\
 &= \frac{6 \times \overset{1}{\cancel{2}} \times \overset{1}{\cancel{15}}}{13 \times \underset{1}{\cancel{15}} \times \underset{4}{\cancel{8}}} \\
 &= \frac{\overset{3}{\cancel{6}} \times 1 \times 1}{13 \times 1 \times \underset{2}{\cancel{4}}} \\
 &= \frac{3}{26}
 \end{aligned}$$

参考 約分のしかた

2と8を2でわって1と4

15と15を15でわって1と1

6と4を2でわって3と2

13

$$0.9 \div \frac{4}{7} \div \frac{3}{8}$$

14

$$3\frac{1}{3} \times 1.2 \times \frac{7}{8}$$

15

$$2\frac{1}{2} \div \frac{9}{11} \times 1\frac{1}{5}$$

16

$$1\frac{1}{5} \times \frac{11}{12} \div \frac{11}{14}$$

13

$$\begin{aligned}
 & 0.9 \div \frac{4}{7} \div \frac{3}{8} \\
 &= \frac{\overset{3}{\cancel{9}} \times 7 \times \overset{2}{\cancel{8}}}{10 \times \underset{1}{\cancel{4}} \times \underset{1}{\cancel{3}}} \\
 &= \frac{3 \times 7 \times \overset{1}{\cancel{2}}}{\underset{5}{10} \times 1 \times 1} \\
 &= \frac{21}{5} \\
 &= 4\frac{1}{5}
 \end{aligned}$$

参考 約分のしかた

9と3を3でわって3と1

8と4を4でわって2と1

2と10を2でわって1と5

14

$$\begin{aligned}
 & 3\frac{1}{3} \times 1.2 \times \frac{7}{8} \\
 &= \frac{\overset{1}{\cancel{10}} \times \overset{4}{\cancel{12}} \times 7}{\underset{1}{\cancel{3}} \times \underset{1}{\cancel{10}} \times 8} \\
 &= \frac{1 \times \underset{1}{\cancel{4}} \times 7}{1 \times 1 \times \underset{2}{8}} \\
 &= \frac{7}{2} \\
 &= 3\frac{1}{2}
 \end{aligned}$$

参考 約分のしかた

10と10を10でわって1と1

12と3を3でわって4と1

4と8を4でわって1と2

15

$$\begin{aligned}
 & 2\frac{1}{2} \div \frac{9}{11} \times 1\frac{1}{5} \\
 &= \frac{\overset{1}{\cancel{5}} \times 11 \times \overset{2}{\cancel{6}}}{2 \times \underset{3}{\cancel{9}} \times \underset{1}{\cancel{5}}} \\
 &= \frac{1 \times 11 \times \overset{1}{\cancel{2}}}{\underset{1}{2} \times 3 \times 1} \\
 &= \frac{11}{3} \\
 &= 3\frac{2}{3}
 \end{aligned}$$

参考 約分のしかた

5と5を5でわって1と1

6と9を3でわって2と3

2と2を2でわって1と1

16

$$\begin{aligned}
 & 1\frac{1}{5} \times \frac{11}{12} \div \frac{11}{14} \\
 &= \frac{6 \times \overset{1}{\cancel{11}} \times \overset{7}{\cancel{14}}}{5 \times \underset{6}{\cancel{12}} \times \underset{1}{\cancel{11}}} \\
 &= \frac{\overset{1}{\cancel{6}} \times 1 \times 7}{5 \times \underset{1}{\cancel{6}} \times 1} \\
 &= \frac{7}{5} \\
 &= 1\frac{2}{5}
 \end{aligned}$$

参考 約分のしかた

11と11を11でわって1と1

14と12を2でわって7と6

6と6を6でわって1と1

17

$$4\frac{1}{3} \times \frac{4}{15} \times 4\frac{1}{2}$$

18

$$2\frac{2}{5} \div 1.1 \times 0.5$$

19

$$\frac{2}{9} \times \frac{3}{4} \times 0.3$$

20

$$\frac{3}{8} \div \frac{1}{4} \times \frac{2}{15}$$

17

$$\begin{aligned}
 & 4\frac{1}{3} \times \frac{4}{15} \times 4\frac{1}{2} \\
 &= \frac{13 \times \overset{2}{\cancel{4}} \times \overset{3}{\cancel{9}}}{3 \times \underset{5}{\cancel{15}} \times \underset{2}{\cancel{2}}} \\
 &= \frac{13 \times 2 \times \underset{1}{\cancel{3}}}{\underset{1}{\cancel{3}} \times 5 \times 1} \\
 &= \frac{26}{5} \\
 &= 5\frac{1}{5}
 \end{aligned}$$

参考 約分のしかた

4と2を2でわって2と1

9と15を3でわって3と5

3と3を3でわって1と1

18

$$\begin{aligned}
 & 2\frac{2}{5} \div 1.1 \times 0.5 \\
 &= \frac{12 \times \overset{10}{\cancel{10}} \times \overset{1}{\cancel{5}}}{\underset{5}{\cancel{5}} \times \underset{11}{\cancel{11}} \times \underset{10}{\cancel{10}}} \\
 &= \frac{12}{11} \\
 &= 1\frac{1}{11}
 \end{aligned}$$

参考 約分のしかた

10と10を10でわって1と1

5と5を5でわって1と1

19

$$\begin{aligned}
 & \frac{2}{9} \times \frac{3}{4} \times 0.3 \\
 &= \frac{\overset{1}{\cancel{2}} \times 3 \times \overset{1}{\cancel{3}}}{\underset{3}{\cancel{9}} \times \underset{2}{\cancel{4}} \times 10} \\
 &= \frac{1 \times \overset{1}{\cancel{3}} \times 1}{\underset{3}{\cancel{3}} \times 2 \times 10} \\
 &= \frac{1}{20}
 \end{aligned}$$

参考 約分のしかた

2と4を2でわって1と2

3と9を3でわって1と3

3と3を3でわって1と1

20

$$\begin{aligned}
 & \frac{3}{8} \div \frac{1}{4} \times \frac{2}{15} \\
 &= \frac{\overset{3}{\cancel{3}} \times 4 \times \overset{2}{\cancel{2}}}{\underset{4}{\cancel{8}} \times 1 \times \underset{5}{\cancel{15}}} \\
 &= \frac{1 \times \overset{1}{\cancel{4}} \times 1}{\underset{1}{\cancel{4}} \times 1 \times 5} \\
 &= \frac{1}{5}
 \end{aligned}$$

参考 約分のしかた

3と15を3でわって1と5

2と8を2でわって1と4

4と4を4でわって1と1