



分数のわり算 9

● 帯分数と整数のわり算
(約分あり)



日にち： 月 日

名まえ _____

・ 次の計算をしましょう。(うすい字はしっかりなぞりましょう。)

① $4 \div 1\frac{3}{5}$

= $4 \div \frac{8}{5}$

= $4 \times \frac{5}{8}$

= $\frac{\cancel{4} \times 5}{\cancel{8}_2}$

= $\frac{5}{2} \left(2\frac{1}{2}\right)$

② $3 \div 1\frac{1}{5}$

= $3 \div \frac{6}{5}$

= $3 \times \frac{5}{6}$

= $\frac{\cancel{3} \times 5}{\cancel{6}_2}$

= $\frac{5}{2} \left(2\frac{1}{2}\right)$

③ $7 \div 2\frac{4}{5}$

= $7 \div \frac{14}{5}$

=

⑤ $2 \div 1\frac{1}{3}$

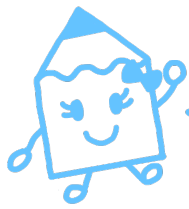
=

④ $4 \div 2\frac{4}{7}$

=

⑥ $10 \div 1\frac{1}{5}$

=



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① $4 \div 1\frac{1}{5}$

= $4 \div \frac{6}{5}$

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

= $\frac{\cancel{4}^2 \times 5}{\cancel{6}_3}$

= $\frac{10}{3} \left(3\frac{1}{3} \right)$

② $5 \div 3\frac{3}{4}$

= $5 \div \frac{15}{4}$

= $5 \times \frac{4}{15}$

= $\frac{\cancel{5}^1 \times 4}{\cancel{15}_3}$

=

③ $8 \div 5\frac{1}{3}$

=

⑤ $10 \div 4\frac{2}{3}$

=

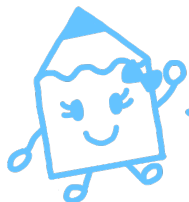
④ $9 \div 3\frac{3}{4}$

=

⑥ $12 \div 2\frac{2}{3}$

=





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① $5 \div 1\frac{7}{8}$

= $5 \div \frac{15}{8}$

= $5 \times \frac{8}{15}$

= $\frac{\cancel{5} \times 8}{\cancel{15}_3}$

=

② $6 \div 2\frac{1}{4}$

=

③ $4 \div 3\frac{1}{7}$

=

④ $2 \div 3\frac{1}{3}$

=

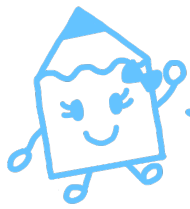
⑤ $12 \div 1\frac{7}{11}$

=

⑥ $15 \div 2\frac{1}{4}$

=





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① $7 \div 4\frac{2}{3}$

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

=

③ $8 \div 2\frac{2}{7}$

=

⑤ $10 \div 3\frac{1}{8}$

=

② $12 \div 2\frac{1}{4}$

=

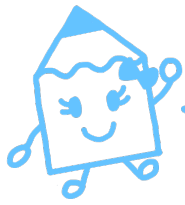
④ $5 \div 4\frac{1}{11}$

=

⑥ $18 \div 3\frac{1}{5}$

=





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① $6 \div 2\frac{4}{7}$

= $6 \div \frac{18}{7}$

= $6 \times \frac{7}{18}$

= $\frac{\cancel{6} \times 7}{\cancel{18}_3}$

= $\frac{7}{3} \left(2\frac{1}{3}\right)$

② $2 \div 1\frac{5}{9}$

= $2 \div \frac{14}{9}$

=

③ $8 \div 2\frac{2}{5}$

=

⑤ $12 \div 2\frac{1}{4}$

=

④ $16 \div 3\frac{3}{5}$

=

⑥ $15 \div 1\frac{4}{5}$

=



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① $15 \div 3\frac{1}{3}$

= $15 \div \frac{10}{3}$

= $15 \times \frac{3}{10}$

= $\frac{\overset{3}{\cancel{15}} \times 3}{\cancel{10}_2}$

=

② $8 \div 2\frac{2}{7}$

=

③ $4 \div 2\frac{2}{7}$

=

④ $6 \div 2\frac{2}{11}$

=

⑤ $15 \div 2\frac{1}{12}$

=

⑥ $21 \div 7\frac{1}{2}$

=





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① $15 \div 1\frac{1}{9}$

= $15 \div \frac{10}{9}$

= $15 \times \frac{9}{10}$

=

③ $5 \div 4\frac{2}{7}$

=

⑤ $16 \div 2\frac{2}{15}$

=

② $24 \div 1\frac{1}{8}$

=

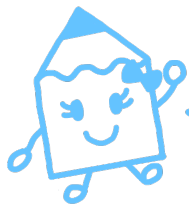
④ $9 \div 1\frac{1}{11}$

=

⑥ $18 \div 7\frac{1}{2}$

=





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① $20 \div 1\frac{7}{8}$

= $20 \div \frac{15}{8}$

=

③ $14 \div 5\frac{1}{4}$

=

⑤ $24 \div 3\frac{3}{5}$

=

② $21 \div 2\frac{4}{5}$

=

④ $12 \div 1\frac{1}{15}$

=

⑥ $21 \div 4\frac{1}{2}$

=





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・ 次の計算をしましょう。

$$\textcircled{1} \quad 56 \div 5\frac{7}{5}$$

=

$$\textcircled{3} \quad 10 \div 1\frac{7}{8}$$

=

$$\textcircled{5} \quad 42 \div 4\frac{4}{5}$$

=

$$\textcircled{2} \quad 27 \div 1\frac{1}{5}$$

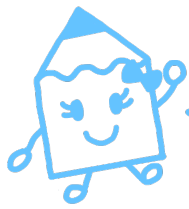
=

$$\textcircled{4} \quad 14 \div 1\frac{3}{13}$$

=

$$\textcircled{6} \quad 7 \div 1\frac{1}{13}$$

=



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・ 次の計算をしましょう。

$$\textcircled{1} \quad 14 \div 1\frac{3}{5}$$

=

$$\textcircled{3} \quad 15 \div 2\frac{1}{4}$$

=

$$\textcircled{5} \quad \frac{7}{16} \div 14$$

=

$$\textcircled{2} \quad 5 \div 3\frac{3}{4}$$

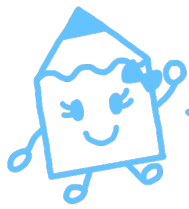
=

$$\textcircled{4} \quad \frac{9}{7} \div 3$$

=

$$\textcircled{6} \quad 8 \div 2\frac{2}{5}$$

=



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$$\textcircled{1} \quad 8 \div 6\frac{2}{5}$$

=

$$\textcircled{3} \quad \frac{8}{5} \div 4$$

=

$$\textcircled{5} \quad 15 \div 1\frac{1}{11}$$

=

$$\textcircled{2} \quad 12 \div 1\frac{2}{7}$$

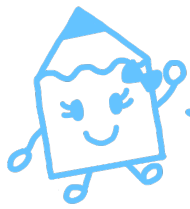
=

$$\textcircled{4} \quad \frac{8}{15} \div 6$$

=

$$\textcircled{6} \quad 24 \div 3\frac{1}{7}$$

=



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12

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名まえ _____

・ 次の計算をしましょう。

$$\textcircled{1} \quad 14 \div 2\frac{5}{8}$$

=

$$\textcircled{3} \quad 8 \div 1\frac{3}{11}$$

=

$$\textcircled{5} \quad \frac{10}{13} \div 5$$

=

$$\textcircled{2} \quad 12 \div 1\frac{7}{8}$$

=

$$\textcircled{4} \quad \frac{7}{13} \div 14$$

=

$$\textcircled{6} \quad 40 \div 2\frac{2}{15}$$

=



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13

日にち： 月 日

名まえ _____

・ 次の計算をしましょう。

① $24 \div 2\frac{1}{4}$

=

③ $\frac{9}{10} \div 6$

=

⑤ $20 \div 2\frac{2}{13}$

=

② $\frac{12}{13} \div 8$

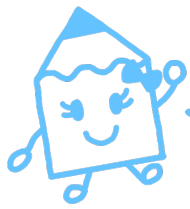
=

④ $14 \div 1\frac{3}{5}$

=

⑥ $27 \div 2\frac{4}{7}$

=



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14

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名まえ _____

・ 次の計算をしましょう。

$$\textcircled{1} \quad 25 \div 3\frac{1}{3}$$

=

$$\textcircled{3} \quad \frac{8}{11} \div 6$$

=

$$\textcircled{5} \quad 24 \div 2\frac{4}{19}$$

=

$$\textcircled{2} \quad 15 \div 2\frac{6}{7}$$

=

$$\textcircled{4} \quad \frac{12}{13} \div 16$$

=

$$\textcircled{6} \quad 11 \div 2\frac{1}{16}$$

=

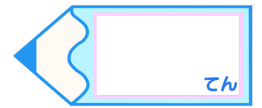


分数のわり算 9

● 帯分数と整数のわり算
(約分あり)

15

目指せ80点!



名まえ

・次の計算をしましょう。(各20点)

① $\frac{5}{6} \div 5$

=

③ $14 \div 2\frac{2}{3}$

=

⑤ $6 \div 1\frac{3}{7}$

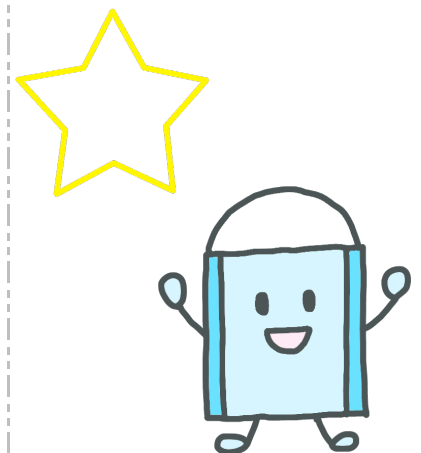
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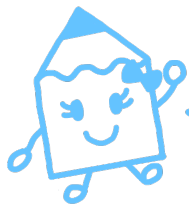
② $5 \div 2\frac{1}{7}$

=

④ $\frac{8}{15} \div 6$

=



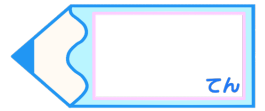


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16

目指せ80点!



名まえ

・次の計算をしましょう。

① $45 \div 3\frac{3}{5}$

=

③ $10 \div 1\frac{11}{15}$

=

⑤ $\frac{15}{17} \div 10$

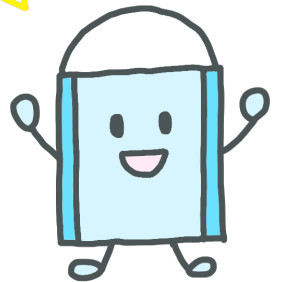
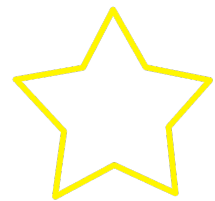
=

② $18 \div 2\frac{2}{3}$

=

④ $\frac{8}{11} \div 24$

=





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$$\textcircled{1} \quad 4 \div 1\frac{3}{5}$$

$$= 4 \div \frac{8}{5}$$

$$= 4 \times \frac{5}{8}$$

$$= \frac{\cancel{4}^1 \times 5}{\cancel{8}_2}$$

$$= \frac{5}{2} \left(2\frac{1}{2}\right)$$

$$\textcircled{2} \quad 3 \div 1\frac{1}{5}$$

$$= 3 \div \frac{6}{5}$$

$$= 3 \times \frac{5}{6}$$

$$= \frac{\cancel{3}^1 \times 5}{\cancel{6}_2}$$

$$= \frac{5}{2} \left(2\frac{1}{2}\right)$$

$$\textcircled{3} \quad 7 \div 2\frac{4}{5}$$

$$= 7 \div \frac{14}{5}$$

$$= 7 \times \frac{5}{14}$$

$$= \frac{\cancel{7}^1 \times 5}{\cancel{14}_2}$$

$$= \frac{5}{2} \left(2\frac{1}{2}\right)$$

$$\textcircled{4} \quad 4 \div 2\frac{4}{7}$$

$$= 4 \div \frac{18}{7}$$

$$= 4 \times \frac{7}{18}$$

$$= \frac{\cancel{4}^2 \times 7}{\cancel{18}_9}$$

$$= \frac{14}{9} \left(1\frac{5}{9}\right)$$

$$\textcircled{5} \quad 2 \div 1\frac{1}{3}$$

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

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

$$= \frac{\cancel{2}^1 \times 3}{\cancel{4}_2}$$

$$= \frac{3}{2} \left(1\frac{1}{2}\right)$$

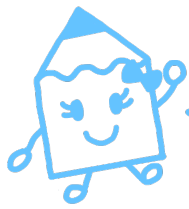
$$\textcircled{6} \quad 10 \div 1\frac{1}{5}$$

$$= 10 \div \frac{6}{5}$$

$$= 10 \times \frac{5}{6}$$

$$= \frac{\cancel{10}^5 \times 5}{\cancel{6}_3}$$

$$= \frac{25}{3} \left(8\frac{1}{3}\right)$$



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$$\begin{aligned} \textcircled{1} \quad & 4 \div 1\frac{1}{5} \\ &= 4 \div \frac{6}{5} \\ &= 4 \times \frac{5}{6} \\ &= \frac{\overset{2}{\cancel{4}} \times 5}{\underset{3}{\cancel{6}}} \\ &= \frac{10}{3} \left(3\frac{1}{3} \right) \end{aligned}$$

$$\begin{aligned} \textcircled{2} \quad & 5 \div 3\frac{3}{4} \\ &= 5 \div \frac{15}{4} \\ &= 5 \times \frac{4}{15} \\ &= \frac{\overset{1}{\cancel{5}} \times 4}{\underset{3}{\cancel{15}}} \\ &= \frac{4}{3} \left(1\frac{1}{3} \right) \end{aligned}$$

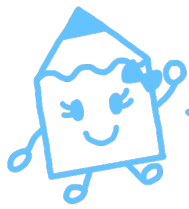
$$\begin{aligned} \textcircled{3} \quad & 8 \div 5\frac{1}{3} \\ &= 8 \div \frac{16}{3} \\ &= 8 \times \frac{3}{16} \\ &= \frac{\overset{1}{\cancel{8}} \times 3}{\underset{2}{\cancel{16}}} \\ &= \frac{3}{2} \left(1\frac{1}{2} \right) \end{aligned}$$

$$\begin{aligned} \textcircled{4} \quad & 9 \div 3\frac{3}{4} \\ &= 9 \div \frac{15}{4} \\ &= 9 \times \frac{4}{15} \\ &= \frac{\overset{3}{\cancel{9}} \times 4}{\underset{5}{\cancel{15}}} \\ &= \frac{12}{5} \left(2\frac{2}{5} \right) \end{aligned}$$

$$\begin{aligned} \textcircled{5} \quad & 10 \div 4\frac{2}{3} \\ &= 10 \div \frac{14}{3} \\ &= 10 \times \frac{3}{14} \\ &= \frac{\overset{5}{\cancel{10}} \times 3}{\underset{7}{\cancel{14}}} \\ &= \frac{15}{7} \left(2\frac{1}{7} \right) \end{aligned}$$

$$\begin{aligned} \textcircled{6} \quad & 12 \div 2\frac{2}{3} \\ &= 12 \div \frac{8}{3} \\ &= 12 \times \frac{3}{8} \\ &= \frac{\overset{3}{\cancel{12}} \times 3}{\underset{2}{\cancel{8}}} \\ &= \frac{9}{2} \left(4\frac{1}{2} \right) \end{aligned}$$





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

$$= 5 \div \frac{15}{8}$$

$$= 5 \times \frac{8}{15}$$

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

$$= \frac{8}{3} \left(2\frac{2}{3} \right)$$

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

$$= 4 \div \frac{22}{7}$$

$$= 4 \times \frac{7}{22}$$

$$= \frac{\overset{2}{\cancel{4}} \times 7}{\underset{11}{\cancel{22}}}$$

$$= \frac{14}{11} \left(1\frac{3}{11} \right)$$

$$\textcircled{5} \quad 12 \div 1\frac{7}{11}$$

$$= 12 \div \frac{18}{11}$$

$$= 12 \times \frac{11}{18}$$

$$= \frac{\overset{2}{\cancel{12}} \times 11}{\underset{3}{\cancel{18}}}$$

$$= \frac{22}{3} \left(7\frac{1}{3} \right)$$

$$\textcircled{2} \quad 6 \div 2\frac{1}{4}$$

$$= 6 \div \frac{9}{4}$$

$$= 6 \times \frac{4}{9}$$

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

$$= \frac{8}{3} \left(2\frac{2}{3} \right)$$

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

$$= 2 \div \frac{10}{3}$$

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

$$= \frac{\overset{1}{\cancel{2}} \times 3}{\underset{5}{\cancel{10}}}$$

$$= \frac{3}{5}$$

$$\textcircled{6} \quad 15 \div 2\frac{1}{4}$$

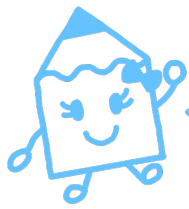
$$= 15 \div \frac{9}{4}$$

$$= 15 \times \frac{4}{9}$$

$$= \frac{\overset{5}{\cancel{15}} \times 4}{\underset{3}{\cancel{9}}}$$

$$= \frac{20}{3} \left(6\frac{2}{3} \right)$$





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

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

$$= 7 \times \frac{3}{14}$$

$$= \frac{\cancel{7}^1 \times 3}{\cancel{14}_2}$$

$$= \frac{3}{2} \left(1\frac{1}{2}\right)$$

$$\textcircled{2} \quad 12 \div 2\frac{1}{4}$$

$$= 12 \div \frac{9}{4}$$

$$= 12 \times \frac{4}{9}$$

$$= \frac{\cancel{12}^4 \times 4}{\cancel{9}_3}$$

$$= \frac{16}{3} \left(5\frac{1}{3}\right)$$

$$\textcircled{3} \quad 8 \div 2\frac{2}{7}$$

$$= 8 \div \frac{16}{7}$$

$$= 8 \times \frac{7}{16}$$

$$= \frac{\cancel{8}^1 \times 7}{\cancel{16}_2}$$

$$= \frac{7}{2} \left(3\frac{1}{2}\right)$$

$$\textcircled{4} \quad 5 \div 4\frac{1}{11}$$

$$= 5 \div \frac{45}{11}$$

$$= 5 \times \frac{11}{45}$$

$$= \frac{\cancel{5}^1 \times 11}{\cancel{45}_9}$$

$$= \frac{11}{9} \left(1\frac{2}{9}\right)$$

$$\textcircled{5} \quad 10 \div 3\frac{1}{8}$$

$$= 10 \div \frac{25}{8}$$

$$= 10 \times \frac{8}{25}$$

$$= \frac{\cancel{10}^2 \times 8}{\cancel{25}_5}$$

$$= \frac{16}{5} \left(3\frac{1}{5}\right)$$

$$\textcircled{6} \quad 18 \div 3\frac{1}{5}$$

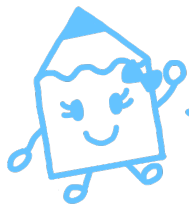
$$= 18 \div \frac{16}{5}$$

$$= 18 \times \frac{5}{16}$$

$$= \frac{\cancel{18}^9 \times 5}{\cancel{16}_8}$$

$$= \frac{45}{8} \left(5\frac{5}{8}\right)$$





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$$\textcircled{1} \quad 6 \div 2\frac{4}{7}$$

$$= 6 \div \frac{18}{7}$$

$$= 6 \times \frac{7}{18}$$

$$= \frac{\cancel{6}^1 \times 7}{\cancel{18}_3}$$

$$= \frac{7}{3} \left(2\frac{1}{3} \right)$$

$$\textcircled{2} \quad 2 \div 1\frac{5}{9}$$

$$= 2 \div \frac{14}{9}$$

$$= 2 \times \frac{9}{14}$$

$$= \frac{\cancel{2}^1 \times 9}{\cancel{14}_7}$$

$$= \frac{9}{7} \left(1\frac{2}{7} \right)$$

$$\textcircled{3} \quad 8 \div 2\frac{2}{5}$$

$$= 8 \div \frac{12}{5}$$

$$= 8 \times \frac{5}{12}$$

$$= \frac{\cancel{8}^2 \times 5}{\cancel{12}_3}$$

$$= \frac{10}{3} \left(3\frac{1}{3} \right)$$

$$\textcircled{4} \quad 16 \div 3\frac{3}{5}$$

$$= 16 \div \frac{18}{5}$$

$$= 16 \times \frac{5}{18}$$

$$= \frac{\cancel{16}^8 \times 5}{\cancel{18}_9}$$

$$= \frac{40}{9} \left(4\frac{4}{9} \right)$$

$$\textcircled{5} \quad 12 \div 2\frac{1}{4}$$

$$= 12 \div \frac{9}{4}$$

$$= 12 \times \frac{4}{9}$$

$$= \frac{\cancel{12}^4 \times 4}{\cancel{9}_3}$$

$$= \frac{16}{3} \left(5\frac{1}{3} \right)$$

$$\textcircled{6} \quad 15 \div 1\frac{4}{5}$$

$$= 15 \div \frac{9}{5}$$

$$= 15 \times \frac{5}{9}$$

$$= \frac{\cancel{15}^5 \times 5}{\cancel{9}_3}$$

$$= \frac{25}{3} \left(8\frac{1}{3} \right)$$





分数のわり算 9

帯分数と整数のわり算
(約分あり)



日にち： 月 日

名まえ

・次の計算をしましょう。(うすい字はしっかりなぞりましょう。)

$$\textcircled{1} \quad 15 \div 3 \frac{1}{3}$$

$$= 15 \div \frac{10}{3}$$

$$= 15 \times \frac{3}{10}$$

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

$$= \frac{9}{2} \left(4 \frac{1}{2} \right)$$

$$\textcircled{3} \quad 4 \div 2 \frac{2}{7}$$

$$= 4 \div \frac{16}{7}$$

$$= 4 \times \frac{7}{16}$$

$$= \frac{\overset{1}{\cancel{4}} \times 7}{\underset{4}{\cancel{16}}}$$

$$= \frac{7}{4} \left(1 \frac{3}{4} \right)$$

$$\textcircled{5} \quad 15 \div 2 \frac{1}{12}$$

$$= 15 \div \frac{25}{12}$$

$$= 15 \times \frac{12}{25}$$

$$= \frac{\overset{3}{\cancel{15}} \times 12}{\underset{5}{\cancel{25}}}$$

$$= \frac{36}{5} \left(7 \frac{1}{5} \right)$$

$$\textcircled{2} \quad 8 \div 2 \frac{2}{7}$$

$$= 8 \div \frac{16}{7}$$

$$= 8 \times \frac{7}{16}$$

$$= \frac{\overset{1}{\cancel{8}} \times 7}{\underset{2}{\cancel{16}}}$$

$$= \frac{7}{2} \left(3 \frac{1}{2} \right)$$

$$\textcircled{4} \quad 6 \div 2 \frac{2}{11}$$

$$= 6 \div \frac{24}{11}$$

$$= 6 \times \frac{11}{24}$$

$$= \frac{\overset{1}{\cancel{6}} \times 11}{\underset{4}{\cancel{24}}}$$

$$= \frac{11}{4} \left(2 \frac{3}{4} \right)$$

$$\textcircled{6} \quad 21 \div 7 \frac{1}{2}$$

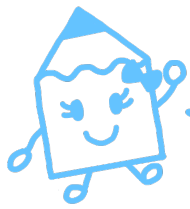
$$= 21 \div \frac{15}{2}$$

$$= 21 \times \frac{2}{15}$$

$$= \frac{\overset{7}{\cancel{21}} \times 2}{\underset{5}{\cancel{15}}}$$

$$= \frac{14}{5} \left(2 \frac{4}{5} \right)$$





分数のわり算 9

帯分数と整数のわり算
(約分あり)



日にち： 月 日

名まえ

・ 次の計算をしましょう。(うすい字はしっかりなぞりましょう。)

$$\begin{aligned} \textcircled{1} \quad & 15 \div 1\frac{1}{9} \\ &= 15 \div \frac{10}{9} \\ &= 15 \times \frac{9}{10} \\ &= \frac{\overset{3}{\cancel{15}} \times 9}{\underset{2}{\cancel{10}}} \\ &= \frac{27}{2} \left(13\frac{1}{2}\right) \end{aligned}$$

$$\begin{aligned} \textcircled{3} \quad & 5 \div 4\frac{2}{7} \\ &= 5 \div \frac{30}{7} \\ &= 5 \times \frac{7}{30} \\ &= \frac{\overset{1}{\cancel{5}} \times 7}{\underset{6}{\cancel{30}}} \\ &= \frac{7}{6} \left(1\frac{1}{6}\right) \end{aligned}$$

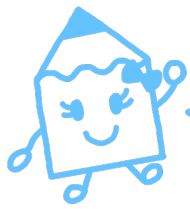
$$\begin{aligned} \textcircled{5} \quad & 16 \div 2\frac{2}{15} \\ &= 16 \div \frac{32}{15} \\ &= 16 \times \frac{15}{32} \\ &= \frac{\overset{1}{\cancel{16}} \times 15}{\underset{2}{\cancel{32}}} \\ &= \frac{15}{2} \left(7\frac{1}{2}\right) \end{aligned}$$

$$\begin{aligned} \textcircled{2} \quad & 24 \div 1\frac{1}{8} \\ &= 24 \div \frac{9}{8} \\ &= 24 \times \frac{8}{9} \\ &= \frac{\overset{8}{\cancel{24}} \times 8}{\underset{3}{\cancel{9}}} \\ &= \frac{64}{3} \left(21\frac{1}{3}\right) \end{aligned}$$

$$\begin{aligned} \textcircled{4} \quad & 9 \div 1\frac{1}{11} \\ &= 9 \div \frac{12}{11} \\ &= 9 \times \frac{11}{12} \\ &= \frac{\overset{3}{\cancel{9}} \times 11}{\underset{4}{\cancel{12}}} \\ &= \frac{33}{4} \left(8\frac{1}{4}\right) \end{aligned}$$

$$\begin{aligned} \textcircled{6} \quad & 18 \div 7\frac{1}{2} \\ &= 18 \div \frac{15}{2} \\ &= 18 \times \frac{2}{15} \\ &= \frac{\overset{6}{\cancel{18}} \times 2}{\underset{5}{\cancel{15}}} \\ &= \frac{12}{5} \left(2\frac{2}{5}\right) \end{aligned}$$





分数のわり算 9

帯分数と整数のわり算
(約分あり)



日にち： 月 日

名まえ

・ 次の計算をしましょう。(うすい字はしっかりなぞりましょう。)

$$\begin{aligned} \textcircled{1} \quad & 20 \div 1\frac{7}{8} \\ &= 20 \div \frac{15}{8} \\ &= 20 \times \frac{8}{15} \\ &= \frac{\overset{4}{\cancel{20}} \times 8}{\underset{3}{\cancel{15}}} \\ &= \frac{32}{3} \left(10\frac{2}{3}\right) \end{aligned}$$

$$\begin{aligned} \textcircled{3} \quad & 14 \div 5\frac{1}{4} \\ &= 14 \div \frac{21}{4} \\ &= 14 \times \frac{4}{21} \\ &= \frac{\overset{2}{\cancel{14}} \times 4}{\underset{3}{\cancel{21}}} \\ &= \frac{8}{3} \left(2\frac{2}{3}\right) \end{aligned}$$

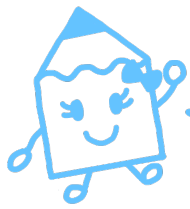
$$\begin{aligned} \textcircled{5} \quad & 24 \div 3\frac{3}{5} \\ &= 24 \div \frac{18}{5} \\ &= 24 \times \frac{5}{18} \\ &= \frac{\overset{4}{\cancel{24}} \times 5}{\underset{3}{\cancel{18}}} \\ &= \frac{20}{3} \left(6\frac{2}{3}\right) \end{aligned}$$

$$\begin{aligned} \textcircled{2} \quad & 21 \div 2\frac{4}{5} \\ &= 21 \div \frac{14}{5} \\ &= 21 \times \frac{5}{14} \\ &= \frac{\overset{3}{\cancel{21}} \times 5}{\underset{2}{\cancel{14}}} \\ &= \frac{15}{2} \left(7\frac{1}{2}\right) \end{aligned}$$

$$\begin{aligned} \textcircled{4} \quad & 12 \div 1\frac{1}{15} \\ &= 12 \div \frac{16}{15} \\ &= 12 \times \frac{15}{16} \\ &= \frac{\overset{3}{\cancel{12}} \times 15}{\underset{4}{\cancel{16}}} \\ &= \frac{45}{4} \left(11\frac{1}{4}\right) \end{aligned}$$

$$\begin{aligned} \textcircled{6} \quad & 21 \div 4\frac{1}{2} \\ &= 21 \div \frac{9}{2} \\ &= 21 \times \frac{2}{9} \\ &= \frac{\overset{7}{\cancel{21}} \times 2}{\underset{3}{\cancel{9}}} \\ &= \frac{14}{3} \left(4\frac{2}{3}\right) \end{aligned}$$





分数のわり算 9

帯分数と整数のわり算
(約分あり)



日にち： 月 日

名まえ

・ 次の計算をしましょう。

$$\textcircled{1} \quad 56 \div 5\frac{7}{5}$$

$$= 56 \div \frac{32}{5}$$

$$= 56 \times \frac{5}{32}$$

$$= \frac{\overset{7}{\cancel{56}} \times 5}{\underset{4}{\cancel{32}}}$$

$$= \frac{35}{4} \left(8\frac{3}{4} \right)$$

$$\textcircled{3} \quad 10 \div 1\frac{7}{8}$$

$$= 10 \div \frac{15}{8}$$

$$= 10 \times \frac{8}{15}$$

$$= \frac{\overset{2}{\cancel{10}} \times 8}{\underset{3}{\cancel{15}}}$$

$$= \frac{16}{3} \left(5\frac{1}{3} \right)$$

$$\textcircled{5} \quad 42 \div 4\frac{4}{5}$$

$$= 42 \div \frac{24}{5}$$

$$= 42 \times \frac{5}{24}$$

$$= \frac{\overset{7}{\cancel{42}} \times 5}{\underset{4}{\cancel{24}}}$$

$$= \frac{35}{4} \left(8\frac{3}{4} \right)$$

$$\textcircled{2} \quad 27 \div 1\frac{1}{5}$$

$$= 27 \div \frac{6}{5}$$

$$= 27 \times \frac{5}{6}$$

$$= \frac{\overset{9}{\cancel{27}} \times 5}{\underset{2}{\cancel{6}}}$$

$$= \frac{45}{2} \left(22\frac{1}{2} \right)$$

$$\textcircled{4} \quad 14 \div 1\frac{3}{13}$$

$$= 14 \div \frac{16}{13}$$

$$= 14 \times \frac{13}{16}$$

$$= \frac{\overset{7}{\cancel{14}} \times 13}{\underset{8}{\cancel{16}}}$$

$$= \frac{91}{8} \left(11\frac{3}{8} \right)$$

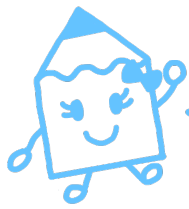
$$\textcircled{6} \quad 7 \div 1\frac{1}{13}$$

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

$$= 7 \times \frac{13}{14}$$

$$= \frac{\overset{1}{\cancel{7}} \times 13}{\underset{2}{\cancel{14}}}$$

$$= \frac{13}{2} \left(6\frac{1}{2} \right)$$



分数のわり算 9

● 帯分数と整数のわり算
(約分あり)



日にち： 月 日

名まえ

・ 次の計算をしましょう。

$$\begin{aligned} \textcircled{1} \quad & 14 \div 1\frac{3}{5} \\ &= 14 \div \frac{8}{5} \\ &= 14 \times \frac{5}{8} \\ &= \frac{\cancel{14}^7 \times 5}{\cancel{8}_4} \\ &= \frac{35}{4} \left(8\frac{3}{4} \right) \end{aligned}$$

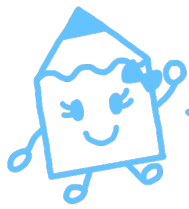
$$\begin{aligned} \textcircled{2} \quad & 5 \div 3\frac{3}{4} \\ &= 5 \div \frac{15}{4} \\ &= 5 \times \frac{4}{15} \\ &= \frac{\cancel{5}^1 \times 4}{\cancel{15}_3} \\ &= \frac{4}{3} \left(1\frac{1}{3} \right) \end{aligned}$$

$$\begin{aligned} \textcircled{3} \quad & 15 \div 2\frac{1}{4} \\ &= 15 \div \frac{9}{4} \\ &= 15 \times \frac{4}{9} \\ &= \frac{\cancel{15}^5 \times 4}{\cancel{9}_3} \\ &= \frac{20}{3} \left(6\frac{2}{3} \right) \end{aligned}$$

$$\begin{aligned} \textcircled{4} \quad & \frac{9}{7} \div 3 \\ &= \frac{\cancel{9}^3}{7 \times \cancel{3}_1} \\ &= \frac{3}{7 \times 1} \\ &= \frac{3}{7} \end{aligned}$$

$$\begin{aligned} \textcircled{5} \quad & \frac{7}{16} \div 14 \\ &= \frac{\cancel{7}^1}{16 \times \cancel{14}_2} \\ &= \frac{1}{16 \times 2} \\ &= \frac{1}{32} \end{aligned}$$

$$\begin{aligned} \textcircled{6} \quad & 8 \div 2\frac{2}{5} \\ &= 8 \div \frac{12}{5} \\ &= 8 \times \frac{5}{12} \\ &= \frac{\cancel{8}^2 \times 5}{\cancel{12}_3} \\ &= \frac{10}{3} \left(3\frac{1}{3} \right) \end{aligned}$$



分数のわり算 9

帯分数と整数のわり算
(約分あり)



日にち： 月 日

名まえ

・ 次の計算をしましょう。

$$\textcircled{1} \quad 8 \div 6\frac{2}{5}$$

$$= 8 \div \frac{32}{5}$$

$$= 8 \times \frac{5}{32}$$

$$= \frac{\cancel{8}^1 \times 5}{3\cancel{2}_4}$$

$$= \frac{5}{4} \left(1\frac{1}{4}\right)$$

$$\textcircled{2} \quad 12 \div 1\frac{2}{7}$$

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

$$= 12 \times \frac{7}{9}$$

$$= \frac{\cancel{12}^4 \times 7}{\cancel{9}_3}$$

$$= \frac{28}{3} \left(9\frac{1}{3}\right)$$

$$\textcircled{3} \quad \frac{8}{5} \div 4$$

$$= \frac{\cancel{8}^2}{5 \times \cancel{4}_1}$$

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

$$= \frac{2}{5}$$

$$\textcircled{4} \quad \frac{8}{15} \div 6$$

$$= \frac{\cancel{8}^4}{15 \times \cancel{6}_3}$$

$$= \frac{4}{15 \times 3}$$

$$= \frac{4}{45}$$

$$\textcircled{5} \quad 15 \div 1\frac{1}{11}$$

$$= 15 \div \frac{12}{11}$$

$$= 15 \times \frac{11}{12}$$

$$= \frac{\cancel{15}^5 \times 11}{\cancel{12}_4}$$

$$= \frac{55}{4} \left(13\frac{3}{4}\right)$$

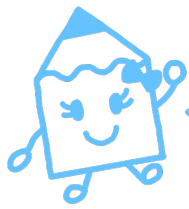
$$\textcircled{6} \quad 24 \div 3\frac{1}{7}$$

$$= 24 \div \frac{22}{7}$$

$$= 24 \times \frac{7}{22}$$

$$= \frac{\cancel{24}^{12} \times 7}{\cancel{22}_{11}}$$

$$= \frac{84}{11} \left(7\frac{7}{11}\right)$$



分数のわり算 9

帯分数と整数のわり算
(約分あり)

12

日にち： 月 日

名まえ

・ 次の計算をしましょう。

$$\begin{aligned} \textcircled{1} \quad & 14 \div 2\frac{5}{8} \\ &= 14 \div \frac{21}{8} \\ &= 14 \times \frac{8}{21} \\ &= \frac{\overset{2}{\cancel{14}} \times 8}{\underset{3}{\cancel{21}}} \\ &= \frac{16}{3} \left(5\frac{1}{3} \right) \end{aligned}$$

$$\begin{aligned} \textcircled{2} \quad & 12 \div 1\frac{7}{8} \\ &= 12 \div \frac{15}{8} \\ &= 12 \times \frac{8}{15} \\ &= \frac{\overset{4}{\cancel{12}} \times 8}{\underset{5}{\cancel{15}}} \\ &= \frac{32}{5} \left(6\frac{2}{5} \right) \end{aligned}$$

$$\begin{aligned} \textcircled{3} \quad & 8 \div 1\frac{3}{11} \\ &= 8 \div \frac{14}{11} \\ &= 8 \times \frac{11}{14} \\ &= \frac{\overset{4}{\cancel{8}} \times 11}{\underset{7}{\cancel{14}}} \\ &= \frac{44}{7} \left(6\frac{2}{7} \right) \end{aligned}$$

$$\begin{aligned} \textcircled{4} \quad & \frac{7}{13} \div 14 \\ &= \frac{\overset{1}{\cancel{7}}}{13 \times \underset{2}{\cancel{14}}} \\ &= \frac{1}{13 \times 2} \\ &= \frac{1}{26} \end{aligned}$$

$$\begin{aligned} \textcircled{5} \quad & \frac{10}{13} \div 5 \\ &= \frac{\overset{10^2}{\cancel{10}}}{13 \times \underset{1}{\cancel{5}}} \\ &= \frac{2}{13 \times 1} \\ &= \frac{2}{13} \\ \textcircled{6} \quad & 40 \div 2\frac{2}{15} \\ &= 40 \div \frac{32}{15} \\ &= 40 \times \frac{15}{32} \\ &= \frac{\overset{5}{\cancel{40}} \times 15}{\underset{4}{\cancel{32}}} \\ &= \frac{75}{4} \left(18\frac{3}{4} \right) \end{aligned}$$



分数のわり算 9

帯分数と整数のわり算
(約分あり)

13

日にち： 月 日

名まえ

・ 次の計算をしましょう。

$$\begin{aligned} \textcircled{1} \quad & 24 \div 2\frac{1}{4} \\ &= 24 \div \frac{9}{4} \\ &= 24 \times \frac{4}{9} \\ &= \frac{\overset{8}{\cancel{24}} \times 4}{\underset{3}{\cancel{9}}} \\ &= \frac{32}{3} \left(10\frac{2}{3} \right) \end{aligned}$$

$$\begin{aligned} \textcircled{2} \quad & \frac{12}{13} \div 8 \\ &= \frac{\overset{3}{\cancel{12}}}{13 \times \underset{2}{\cancel{8}}} \\ &= \frac{3}{13 \times 2} \\ &= \frac{3}{26} \end{aligned}$$

$$\begin{aligned} \textcircled{3} \quad & \frac{9}{10} \div 6 \\ &= \frac{\overset{3}{\cancel{9}}}{10 \times \underset{2}{\cancel{6}}} \\ &= \frac{3}{10 \times 2} \\ &= \frac{3}{20} \end{aligned}$$

$$\begin{aligned} \textcircled{4} \quad & 14 \div 1\frac{3}{5} \\ &= 14 \div \frac{8}{5} \\ &= 14 \times \frac{5}{8} \\ &= \frac{\overset{7}{\cancel{14}} \times 5}{\underset{4}{\cancel{8}}} \\ &= \frac{35}{4} \left(8\frac{3}{4} \right) \end{aligned}$$

$$\begin{aligned} \textcircled{5} \quad & 20 \div 2\frac{2}{13} \\ &= 20 \div \frac{28}{13} \\ &= 20 \times \frac{13}{28} \\ &= \frac{\overset{5}{\cancel{20}} \times 13}{\underset{7}{\cancel{28}}} \\ &= \frac{65}{7} \left(9\frac{2}{7} \right) \end{aligned}$$

$$\begin{aligned} \textcircled{6} \quad & 27 \div 2\frac{4}{7} \\ &= 27 \div \frac{18}{7} \\ &= 27 \times \frac{7}{18} \\ &= \frac{\overset{3}{\cancel{27}} \times 7}{\underset{2}{\cancel{18}}} \\ &= \frac{21}{2} \left(10\frac{1}{2} \right) \end{aligned}$$



分数のわり算 9

帯分数と整数のわり算
(約分あり)

14

日にち： 月 日

名まえ

・ 次の計算をしましょう。

$$\begin{aligned} \textcircled{1} \quad & 25 \div 3\frac{1}{3} \\ &= 25 \div \frac{10}{3} \\ &= 25 \times \frac{3}{10} \\ &= \frac{\overset{5}{\cancel{25}} \times 3}{\underset{2}{\cancel{10}}} \\ &= \frac{15}{2} \left(7\frac{1}{2} \right) \end{aligned}$$

$$\begin{aligned} \textcircled{2} \quad & 15 \div 2\frac{6}{7} \\ &= 15 \div \frac{20}{7} \\ &= 15 \times \frac{7}{20} \\ &= \frac{\overset{3}{\cancel{15}} \times 7}{\underset{4}{\cancel{20}}} \\ &= \frac{21}{4} \left(5\frac{1}{4} \right) \end{aligned}$$

$$\begin{aligned} \textcircled{3} \quad & \frac{8}{11} \div 6 \\ &= \frac{\overset{4}{\cancel{8}}}{11 \times \underset{3}{\cancel{6}}} \\ &= \frac{4}{11 \times 3} \\ &= \frac{4}{33} \end{aligned}$$

$$\begin{aligned} \textcircled{4} \quad & \frac{12}{13} \div 16 \\ &= \frac{\overset{3}{\cancel{12}}}{13 \times \underset{4}{\cancel{16}}} \\ &= \frac{3}{13 \times 4} \\ &= \frac{3}{52} \end{aligned}$$

$$\begin{aligned} \textcircled{5} \quad & 24 \div 2\frac{4}{19} \\ &= 24 \div \frac{42}{19} \\ &= 24 \times \frac{19}{42} \\ &= \frac{\overset{4}{\cancel{24}} \times 19}{\underset{7}{\cancel{42}}} \\ &= \frac{76}{7} \left(10\frac{6}{7} \right) \end{aligned}$$

$$\begin{aligned} \textcircled{6} \quad & 11 \div 2\frac{1}{16} \\ &= 11 \div \frac{33}{16} \\ &= 11 \times \frac{16}{33} \\ &= \frac{\overset{1}{\cancel{11}} \times 16}{\underset{3}{\cancel{33}}} \\ &= \frac{16}{3} \left(5\frac{1}{3} \right) \end{aligned}$$



分数のわり算 9

帯分数と整数のわり算
(約分あり)

15

目指せ80点!



名まえ

・次の計算をしましょう。(各20点)

$$\textcircled{1} \quad \frac{5}{6} \div 5$$

$$= \frac{\cancel{5}^1}{6 \times \cancel{5}_1}$$

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

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

$$\textcircled{3} \quad 14 \div 2\frac{2}{3}$$

$$= 14 \div \frac{8}{3}$$

$$= 14 \times \frac{3}{8}$$

$$= \frac{\cancel{14}^7 \times 3}{\cancel{8}_4}$$

$$= \frac{21}{4} \left(5\frac{1}{4} \right)$$

$$\textcircled{5} \quad 6 \div 1\frac{3}{7}$$

$$= 6 \div \frac{10}{7}$$

$$= 6 \times \frac{7}{10}$$

$$= \frac{\cancel{6}^3 \times 7}{\cancel{10}_5}$$

$$= \frac{21}{5} \left(4\frac{1}{5} \right)$$

$$\textcircled{2} \quad 5 \div 2\frac{1}{7}$$

$$= 5 \div \frac{15}{7}$$

$$= 5 \times \frac{7}{15}$$

$$= \frac{\cancel{5}^1 \times 7}{\cancel{15}_3}$$

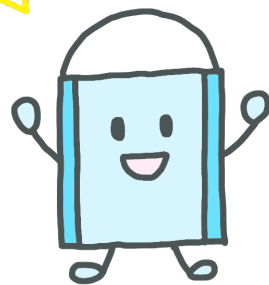
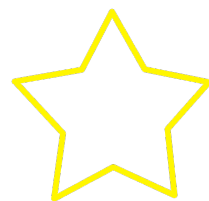
$$= \frac{7}{3} \left(2\frac{1}{3} \right)$$

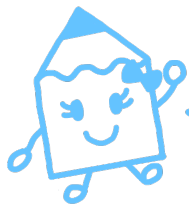
$$\textcircled{4} \quad \frac{8}{15} \div 6$$

$$= \frac{\cancel{8}^4}{15 \times \cancel{6}_3}$$

$$= \frac{4}{15 \times 3}$$

$$= \frac{4}{45}$$



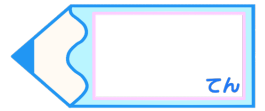


分数のわり算 9

帯分数と整数のわり算
(約分あり)

16

目指せ80点!



名まえ

・ 次の計算をしましょう。

$$\begin{aligned} \textcircled{1} \quad & 45 \div 3\frac{3}{5} \\ &= 45 \div \frac{18}{5} \\ &= 45 \times \frac{5}{18} \\ &= \frac{\cancel{45}^5 \times 5}{\cancel{18}_2} \\ &= \frac{25}{2} \left(12\frac{1}{2} \right) \end{aligned}$$

$$\begin{aligned} \textcircled{2} \quad & 18 \div 2\frac{2}{3} \\ &= 18 \div \frac{8}{3} \\ &= 18 \times \frac{3}{8} \\ &= \frac{\cancel{18}^9 \times 3}{\cancel{8}_4} \\ &= \frac{27}{4} \left(6\frac{3}{4} \right) \end{aligned}$$

$$\begin{aligned} \textcircled{3} \quad & 10 \div 1\frac{11}{15} \\ &= 10 \div \frac{26}{15} \\ &= 10 \times \frac{15}{26} \\ &= \frac{\cancel{10}^5 \times 15}{\cancel{26}_{13}} \\ &= \frac{75}{13} \left(5\frac{10}{13} \right) \end{aligned}$$

$$\begin{aligned} \textcircled{4} \quad & \frac{8}{11} \div 24 \\ &= \frac{\cancel{8}^1}{11 \times \cancel{24}_3} \\ &= \frac{1}{11 \times 3} \\ &= \frac{1}{33} \end{aligned}$$

$$\begin{aligned} \textcircled{5} \quad & \frac{15}{17} \div 10 \\ &= \frac{\cancel{15}^3}{17 \times \cancel{10}_2} \\ &= \frac{3}{17 \times 2} \\ &= \frac{3}{34} \end{aligned}$$

