

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。)

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

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

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

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

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

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

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

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

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

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

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

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

$$=$$

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

$$=$$

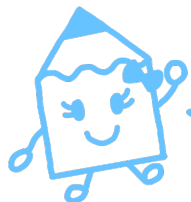
$$\textcircled{4} \quad 4 \div 2\frac{4}{7}$$

$$=$$

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

$$=$$





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

$=$

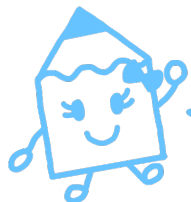
④ $9 \div 3\frac{3}{4}$

$=$

⑥ $12 \div 2\frac{2}{3}$

$=$





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① $5 \div 1\frac{7}{8}$

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

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

= $\frac{\cancel{5}^1 \times 8}{\cancel{15}_3}$

=

② $6 \div 2\frac{1}{4}$

=

③ $4 \div 3\frac{1}{7}$

=

④ $2 \div 3\frac{1}{3}$

=

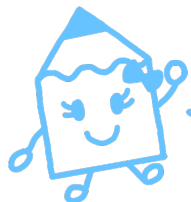
⑤ $12 \div 1\frac{7}{11}$

=

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

=

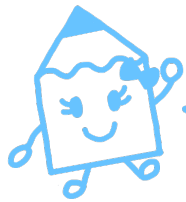
④ $5 \div 4\frac{1}{11}$

=

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

=

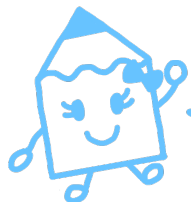
④ $16 \div 3\frac{3}{5}$

=

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 $24 \div 1\frac{1}{8}$

=

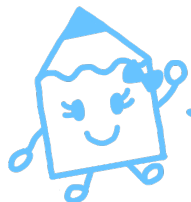
④ $9 \div 1\frac{1}{11}$

=

⑥ $18 \div 7\frac{1}{2}$

=





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$$\textcircled{1} \quad 20 \div 1\frac{7}{8}$$

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

=

$$\textcircled{3} \quad 14 \div 5\frac{1}{4}$$

=

$$\textcircled{5} \quad 24 \div 3\frac{3}{5}$$

=

$$\textcircled{2} \quad 21 \div 2\frac{4}{5}$$

=

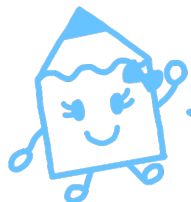
$$\textcircled{4} \quad 12 \div 1\frac{1}{15}$$

=

$$\textcircled{6} \quad 21 \div 4\frac{1}{2}$$

=





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

=

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

=

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

=

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

=

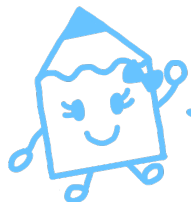
$$\textcircled{4} \quad 14 \div 1\frac{3}{13}$$

=

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

=





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・ 次の計算をしましょう。

① $14 \div 1\frac{3}{5}$

=

③ $15 \div 2\frac{1}{4}$

=

⑤ $\frac{7}{16} \div 14$

=

② $5 \div 3\frac{3}{4}$

=

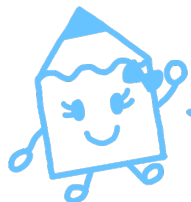
④ $\frac{9}{7} \div 3$

=

⑥ $8 \div 2\frac{2}{5}$

=





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① $8 \div 6\frac{2}{5}$

=

③ $\frac{8}{5} \div 4$

=

⑤ $15 \div 1\frac{1}{11}$

=

② $12 \div 1\frac{2}{7}$

=

④ $\frac{8}{15} \div 6$

=

⑥ $24 \div 3\frac{1}{7}$

=





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・ 次の計算をしましょう。

① $14 \div 2\frac{5}{8}$

=

③ $8 \div 1\frac{3}{11}$

=

⑤ $\frac{10}{13} \div 5$

=

② $12 \div 1\frac{7}{8}$

=

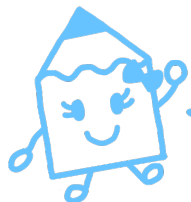
④ $\frac{7}{13} \div 14$

=

⑥ $40 \div 2\frac{2}{15}$

=





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① $24 \div 2\frac{1}{4}$

=

③ $\frac{9}{10} \div 6$

=

⑤ $20 \div 2\frac{2}{13}$

=

② $\frac{12}{13} \div 8$

=

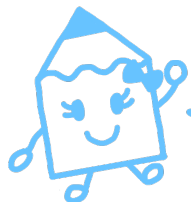
④ $14 \div 1\frac{3}{5}$

=

⑥ $27 \div 2\frac{4}{7}$

=





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・ 次の計算をしましょう。

① $25 \div 3\frac{1}{3}$

=

③ $\frac{8}{11} \div 6$

=

⑤ $24 \div 2\frac{4}{9}$

=

② $15 \div 2\frac{6}{7}$

=

④ $\frac{12}{13} \div 16$

=

⑥ $11 \div 2\frac{1}{16}$

=





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

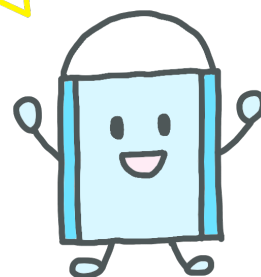
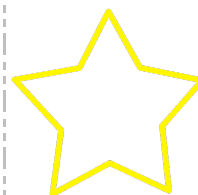
=

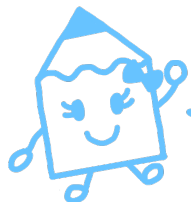
② $5 \div 2\frac{1}{7}$

=

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。(各20点)

① $45 \div 3\frac{3}{5}$

=

③ $10 \div 1\frac{11}{15}$

=

⑤ $\frac{15}{17} \div 10$

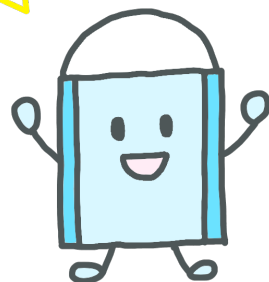
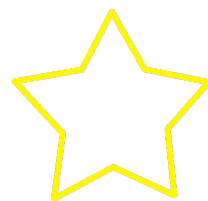
=

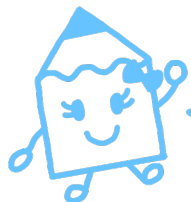
② $18 \div 2\frac{2}{3}$

=

④ $\frac{8}{11} \div 24$

=





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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

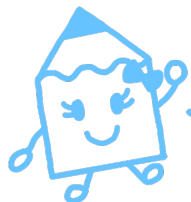
$$= 10 \div \frac{6}{5}$$

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

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

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





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

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

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

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

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

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

$$= 8 \div \frac{16}{3}$$

$$= 8 \times \frac{3}{16}$$

$$= \frac{\cancel{8}^1 \times 3}{\cancel{16}_2}$$

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

$$\textcircled{5} \quad 10 \div 4\frac{2}{3}$$

$$= 10 \div \frac{14}{3}$$

$$= 10 \times \frac{3}{14}$$

$$= \frac{\cancel{10}^5 \times 3}{\cancel{14}_7}$$

$$= \frac{15}{7} \left(2\frac{1}{7} \right)$$

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

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

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

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

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

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

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

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

$$= \frac{\cancel{9}^3 \times 4}{\cancel{15}_5}$$

$$= \frac{12}{5} \left(2\frac{2}{5} \right)$$

$$\textcircled{6} \quad 12 \div 2\frac{2}{3}$$

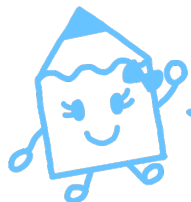
$$= 12 \div \frac{8}{3}$$

$$= 12 \times \frac{3}{8}$$

$$= \frac{\cancel{12}^3 \times 3}{\cancel{8}_2}$$

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





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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

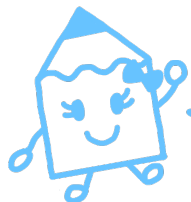
$$= 15 \div \frac{9}{4}$$

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

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

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





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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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





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・ 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。)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

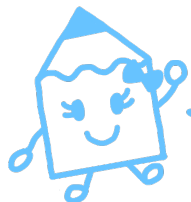
$$= 15 \div \frac{9}{5}$$

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

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

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





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。)

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

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

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

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

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

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

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

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

$$= \frac{\overset{1}{\cancel{4}} \times 7}{\cancel{16}_4}$$

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

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

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

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

$$= \frac{\overset{3}{\cancel{15}} \times 12}{\cancel{25}_5}$$

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

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

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

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

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

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

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

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

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

$$= \frac{\overset{1}{\cancel{6}} \times 11}{\cancel{24}_4}$$

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

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

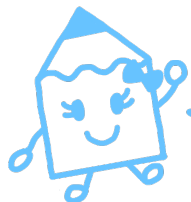
$$= 21 \div \frac{15}{2}$$

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

$$= \frac{\overset{7}{\cancel{21}} \times 2}{\cancel{15}_5}$$

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





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。)

$$\textcircled{1} \quad 15 \div 1\frac{1}{9}$$

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

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

$$= \frac{\overset{3}{\cancel{15}} \times 9}{\cancel{10}_2}$$

$$= \frac{27}{2} \left(13\frac{1}{2}\right)$$

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

$$= 5 \div \frac{30}{7}$$

$$= 5 \times \frac{7}{30}$$

$$= \frac{\overset{1}{\cancel{5}} \times 7}{\cancel{30}_6}$$

$$= \frac{7}{6} \left(1\frac{1}{6}\right)$$

$$\textcircled{5} \quad 16 \div 2\frac{2}{15}$$

$$= 16 \div \frac{32}{15}$$

$$= 16 \times \frac{15}{32}$$

$$= \frac{\overset{1}{\cancel{16}} \times 15}{\cancel{32}_2}$$

$$= \frac{15}{2} \left(7\frac{1}{2}\right)$$

$$\textcircled{2} \quad 24 \div 1\frac{1}{8}$$

$$= 24 \div \frac{9}{8}$$

$$= 24 \times \frac{8}{9}$$

$$= \frac{\overset{8}{\cancel{24}} \times 8}{\cancel{9}_3}$$

$$= \frac{64}{3} \left(21\frac{1}{3}\right)$$

$$\textcircled{4} \quad 9 \div 1\frac{1}{11}$$

$$= 9 \div \frac{12}{11}$$

$$= 9 \times \frac{11}{12}$$

$$= \frac{\overset{3}{\cancel{9}} \times 11}{\cancel{12}_4}$$

$$= \frac{33}{4} \left(8\frac{1}{4}\right)$$

$$\textcircled{6} \quad 18 \div 7\frac{1}{2}$$

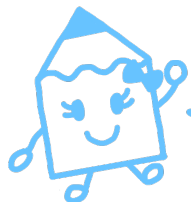
$$= 18 \div \frac{15}{2}$$

$$= 18 \times \frac{2}{15}$$

$$= \frac{\overset{6}{\cancel{18}} \times 2}{\cancel{15}_5}$$

$$= \frac{12}{5} \left(2\frac{2}{5}\right)$$





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。)

$$\textcircled{1} \quad 20 \div 1\frac{7}{8}$$

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

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

$$= \frac{\overset{4}{\cancel{20}} \times 8}{\underset{3}{\cancel{15}}}$$

$$= \frac{32}{3} \left(10\frac{2}{3}\right)$$

$$\textcircled{3} \quad 14 \div 5\frac{1}{4}$$

$$= 14 \div \frac{21}{4}$$

$$= 14 \times \frac{4}{21}$$

$$= \frac{\overset{2}{\cancel{14}} \times 4}{\underset{3}{\cancel{21}}}$$

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

$$\textcircled{5} \quad 24 \div 3\frac{3}{5}$$

$$= 24 \div \frac{18}{5}$$

$$= 24 \times \frac{5}{18}$$

$$= \frac{\overset{4}{\cancel{24}} \times 5}{\underset{3}{\cancel{18}}}$$

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

$$\textcircled{2} \quad 21 \div 2\frac{4}{5}$$

$$= 21 \div \frac{14}{5}$$

$$= 21 \times \frac{5}{14}$$

$$= \frac{\overset{3}{\cancel{21}} \times 5}{\underset{2}{\cancel{14}}}$$

$$= \frac{15}{2} \left(7\frac{1}{2}\right)$$

$$\textcircled{4} \quad 12 \div 1\frac{1}{15}$$

$$= 12 \div \frac{16}{15}$$

$$= 12 \times \frac{15}{16}$$

$$= \frac{\overset{3}{\cancel{12}} \times 15}{\underset{4}{\cancel{16}}}$$

$$= \frac{45}{4} \left(11\frac{1}{4}\right)$$

$$\textcircled{6} \quad 21 \div 4\frac{1}{2}$$

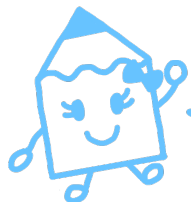
$$= 21 \div \frac{9}{2}$$

$$= 21 \times \frac{2}{9}$$

$$= \frac{\overset{7}{\cancel{21}} \times 2}{\underset{3}{\cancel{9}}}$$

$$= \frac{14}{3} \left(4\frac{2}{3}\right)$$





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。

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

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

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

$$= \frac{\cancel{56}^7 \times 5}{\cancel{32}_4}$$

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

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

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

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

$$= \frac{\cancel{10}^2 \times 8}{\cancel{15}_3}$$

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

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

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

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

$$= \frac{\cancel{42}^7 \times 5}{\cancel{24}_4}$$

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

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

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

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

$$= \frac{\cancel{27}^9 \times 5}{\cancel{6}_2}$$

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

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

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

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

$$= \frac{\cancel{14}^7 \times 13}{\cancel{16}_8}$$

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

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

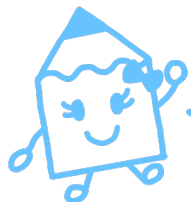
$$= 7 \div \frac{14}{13}$$

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

$$= \frac{\cancel{7}^1 \times 13}{\cancel{14}_2}$$

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





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。

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

$$= 14 \div \frac{8}{5}$$

$$= 14 \times \frac{5}{8}$$

$$= \frac{\cancel{14}^7 \times 5}{\cancel{8}_4}$$

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

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

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

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

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

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

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

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

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

$$= \frac{\cancel{15}^5 \times 4}{\cancel{9}_3}$$

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

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

$$= \frac{\cancel{9}^3}{7 \times \cancel{3}_1}$$

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

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

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

$$= \frac{\cancel{7}^1}{16 \times \cancel{14}_2}$$

$$= \frac{1}{16 \times 2}$$

$$= \frac{1}{32}$$

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

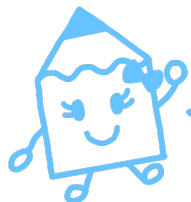
$$= 8 \div \frac{12}{5}$$

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

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

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





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。

$$\begin{aligned}\textcircled{1} \quad & 8 \div 6\frac{2}{5} \\ &= 8 \div \frac{32}{5} \\ &= 8 \times \frac{5}{32} \\ &= \frac{\cancel{8}^1 \times 5}{3\cancel{2}_4} \\ &= \frac{5}{4} \left(1\frac{1}{4}\right)\end{aligned}$$

$$\begin{aligned}\textcircled{2} \quad & 12 \div 1\frac{2}{7} \\ &= 12 \div \frac{9}{7} \\ &= 12 \times \frac{7}{9} \\ &= \frac{\cancel{12}^4 \times 7}{\cancel{9}_3} \\ &= \frac{28}{3} \left(9\frac{1}{3}\right)\end{aligned}$$

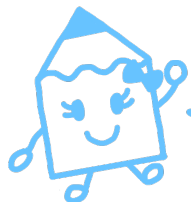
$$\begin{aligned}\textcircled{3} \quad & \frac{8}{5} \div 4 \\ &= \frac{\cancel{8}^2}{5 \times \cancel{4}_1} \\ &= \frac{2}{5 \times 1} \\ &= \frac{2}{5}\end{aligned}$$

$$\begin{aligned}\textcircled{4} \quad & \frac{8}{15} \div 6 \\ &= \frac{\cancel{8}^4}{15 \times \cancel{6}_3} \\ &= \frac{4}{15 \times 3} \\ &= \frac{4}{45}\end{aligned}$$

$$\begin{aligned}\textcircled{5} \quad & 15 \div 1\frac{1}{11} \\ &= 15 \div \frac{12}{11} \\ &= 15 \times \frac{11}{12} \\ &= \frac{\cancel{15}^5 \times 11}{\cancel{12}_4} \\ &= \frac{55}{4} \left(13\frac{3}{4}\right)\end{aligned}$$

$$\begin{aligned}\textcircled{6} \quad & 24 \div 3\frac{1}{7} \\ &= 24 \div \frac{22}{7} \\ &= 24 \times \frac{7}{22} \\ &= \frac{\cancel{24}^{12} \times 7}{\cancel{22}_{11}} \\ &= \frac{84}{11} \left(7\frac{7}{11}\right)\end{aligned}$$





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。

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

$$= 14 \div \frac{21}{8}$$

$$= 14 \times \frac{8}{21}$$

$$= \frac{\overset{2}{\cancel{14}} \times 8}{\cancel{21}_3}$$

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

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

$$= 12 \div \frac{15}{8}$$

$$= 12 \times \frac{8}{15}$$

$$= \frac{\overset{4}{\cancel{12}} \times 8}{\cancel{15}_5}$$

$$= \frac{32}{5} \left(6\frac{2}{5} \right)$$

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

$$= 8 \div \frac{14}{11}$$

$$= 8 \times \frac{11}{14}$$

$$= \frac{\overset{4}{\cancel{8}} \times \cancel{11}_7}{\cancel{14}_2}$$

$$= \frac{44}{7} \left(6\frac{2}{7} \right)$$

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

$$= \frac{\overset{1}{\cancel{7}}}{13 \times \cancel{14}_2}$$

$$= \frac{1}{13 \times 2}$$

$$= \frac{1}{26}$$

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

$$= \frac{\overset{2}{\cancel{10}}}{13 \times \cancel{5}_1}$$

$$= \frac{2}{13 \times 1}$$

$$= \frac{2}{13}$$

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

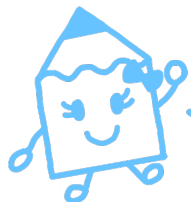
$$= 40 \div \frac{32}{15}$$

$$= 40 \times \frac{15}{32}$$

$$= \frac{\overset{5}{\cancel{40}} \times 15}{\cancel{32}_4}$$

$$= \frac{75}{4} \left(18\frac{3}{4} \right)$$





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。

$$\begin{aligned}\textcircled{1} \quad 24 \div 2\frac{1}{4} \\&= 24 \div \frac{9}{4} \\&= 24 \times \frac{4}{9} \\&= \frac{8\cancel{24} \times 4}{\cancel{9}_3} \\&= \frac{32}{3} \left(10\frac{2}{3}\right)\end{aligned}$$

$$\begin{aligned}\textcircled{2} \quad \frac{12}{13} \div 8 \\&= \frac{\cancel{12}^3}{13 \times \cancel{8}_2} \\&= \frac{3}{13 \times 2} \\&= \frac{3}{26}\end{aligned}$$

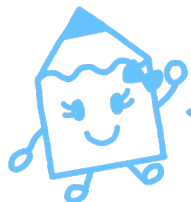
$$\begin{aligned}\textcircled{3} \quad \frac{9}{10} \div 6 \\&= \frac{\cancel{9}^3}{10 \times \cancel{6}_2} \\&= \frac{3}{10 \times 2} \\&= \frac{3}{20}\end{aligned}$$

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

$$\begin{aligned}\textcircled{5} \quad 20 \div 2\frac{2}{13} \\&= 20 \div \frac{28}{13} \\&= 20 \times \frac{13}{28} \\&= \frac{5\cancel{20} \times 13}{\cancel{28}_7} \\&= \frac{65}{7} \left(9\frac{2}{7}\right)\end{aligned}$$

$$\begin{aligned}\textcircled{6} \quad 27 \div 2\frac{4}{7} \\&= 27 \div \frac{18}{7} \\&= 27 \times \frac{7}{18} \\&= \frac{3\cancel{27} \times 7}{\cancel{18}_2} \\&= \frac{21}{2} \left(10\frac{1}{2}\right)\end{aligned}$$





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。

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

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

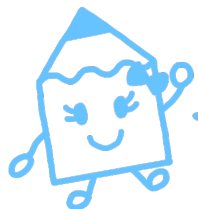
$$\begin{aligned}\textcircled{3} \quad \frac{8}{11} \div 6 \\&= \frac{\overset{4}{\cancel{8}}}{11 \times \underset{3}{\cancel{6}}} \\&= \frac{4}{11 \times 3} \\&= \frac{4}{33}\end{aligned}$$

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

$$\begin{aligned}\textcircled{5} \quad 24 \div 2\frac{4}{9} \\&= 24 \div \frac{42}{9} \\&= 24 \times \frac{9}{42} \\&= \frac{\overset{4}{\cancel{24}} \times \underset{7}{\cancel{9}}}{\underset{7}{\cancel{42}}} \\&= \frac{76}{7} \left(10\frac{6}{7}\right)\end{aligned}$$

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





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)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

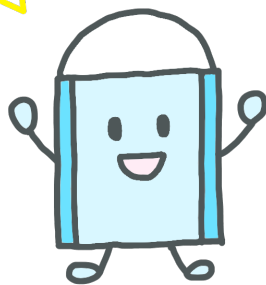
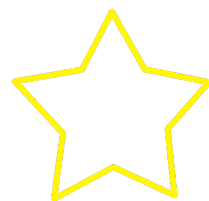
$$= \frac{7}{3} \left(2\frac{1}{3} \right)$$

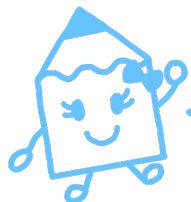
$$\textcircled{4} \quad \frac{8}{15} \div 6$$

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

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

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





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。(各20点)

$$\textcircled{1} \quad 45 \div 3\frac{3}{5}$$

$$= 45 \div \frac{18}{5}$$

$$= 45 \times \frac{5}{18}$$

$$= \frac{\cancel{45}^5 \times 5}{18_2}$$

$$= \frac{25}{2} \left(12\frac{1}{2}\right)$$

$$\textcircled{2} \quad 18 \div 2\frac{2}{3}$$

$$= 18 \div \frac{8}{3}$$

$$= 18 \times \frac{3}{8}$$

$$= \frac{\cancel{18}^9 \times 3}{8_4}$$

$$= \frac{27}{4} \left(6\frac{3}{4}\right)$$

$$\textcircled{3} \quad 10 \div 1\frac{1}{15}$$

$$= 10 \div \frac{16}{15}$$

$$= 10 \times \frac{15}{16}$$

$$= \frac{\cancel{10}^5 \times 15}{16_2}$$

$$= \frac{75}{16} \left(4\frac{15}{16}\right)$$

$$\textcircled{4} \quad \frac{8}{11} \div 24$$

$$= \frac{\cancel{8}^1}{11 \times 24_3}$$

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

$$= \frac{1}{33}$$

$$\textcircled{5} \quad \frac{15}{17} \div 10$$

$$= \frac{\cancel{15}^3}{17 \times 10_2}$$

$$= \frac{3}{17 \times 2}$$

$$= \frac{3}{34}$$

