



分数のわり算 10

◎ 帯分数同士のわり算
(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 $1\frac{2}{3} \div 2\frac{1}{4}$

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

= $\frac{5}{3} \times \frac{4}{9}$

= $\frac{5 \times 4}{3 \times 9}$

= $\frac{20}{27}$

③ $2\frac{1}{4} \div 1\frac{3}{8}$

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

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

=

⑤ $1\frac{1}{3} \div 2\frac{3}{5}$

=

② $1\frac{1}{6} \div 2\frac{4}{5}$

= $\frac{7}{6} \div \frac{14}{5}$

= $\frac{7}{6} \times \frac{5}{14}$

= $\frac{\cancel{7} \times 5}{6 \times \cancel{14}_2}$

= $\frac{5}{12}$

④ $1\frac{1}{4} \div 2\frac{1}{2}$

=

⑥ $1\frac{2}{3} \div 3\frac{2}{3}$

=





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

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

$$= \frac{7}{3} \times \frac{4}{7}$$

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

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

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

$$=$$

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

$$=$$

$$\textcircled{2} \quad 1\frac{2}{5} \div 1\frac{3}{10}$$

$$= \frac{7}{5} \div \frac{13}{10}$$

$$= \frac{7}{5} \times \frac{10}{13}$$

$$=$$

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

$$=$$

$$\textcircled{6} \quad 1\frac{1}{3} \div 2\frac{2}{3}$$

$$=$$





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① $1\frac{1}{3} \div 2\frac{2}{5}$

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

= $\frac{4}{3} \times \frac{5}{12}$

= $\frac{\cancel{4} \times 5}{3 \times \cancel{12}_3}$

=

② $2\frac{2}{3} \div 1\frac{7}{11}$

=

③ $1\frac{1}{5} \div 2\frac{5}{8}$

=

④ $1\frac{1}{6} \div 4\frac{1}{2}$

=

⑤ $1\frac{2}{3} \div 1\frac{1}{5}$

=

⑥ $2\frac{1}{2} \div 2\frac{1}{12}$

=





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① $3\frac{1}{2} \div 3\frac{1}{4}$

= $\frac{7}{2} \div \frac{13}{4}$

=

③ $2\frac{1}{4} \div 1\frac{2}{5}$

=

⑤ $2\frac{1}{5} \div 2\frac{3}{4}$

=

② $1\frac{1}{4} \div 2\frac{4}{13}$

=

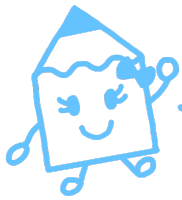
④ $2\frac{9}{10} \div 4\frac{1}{2}$

=

⑥ $1\frac{11}{15} \div 1\frac{1}{12}$

=





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① $1\frac{3}{7} \div 2\frac{2}{5}$

= $\frac{10}{7} \div \frac{12}{5}$

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

= $\frac{\overset{5}{\cancel{10}} \times 5}{7 \times \underset{6}{\cancel{12}}}$

= $\frac{25}{42}$

③ $1\frac{2}{3} \div 1\frac{1}{5}$

=

⑤ $1\frac{3}{5} \div 1\frac{3}{7}$

=

② $5\frac{1}{4} \div 1\frac{2}{5}$

= $\frac{21}{4} \div \frac{7}{5}$

=

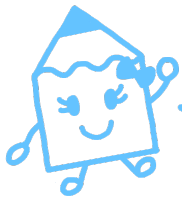
④ $1\frac{2}{7} \div 1\frac{2}{3}$

=

⑥ $2\frac{6}{7} \div 1\frac{1}{14}$

=





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① $3\frac{1}{6} \div 3\frac{1}{3}$

= $\frac{19}{6} \div \frac{10}{3}$

= $\frac{19}{6} \times \frac{3}{10}$

= $\frac{19 \times \cancel{3}^1}{\cancel{6}_2 \times 10}$

=

③ $1\frac{2}{3} \div 3\frac{1}{3}$

=

⑤ $1\frac{1}{5} \div 3\frac{1}{2}$

=

② $2\frac{1}{3} \div 1\frac{1}{11}$

=

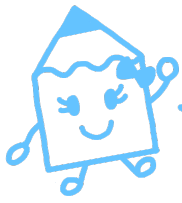
④ $2\frac{1}{12} \div 3\frac{1}{3}$

=

⑥ $1\frac{3}{10} \div 1\frac{1}{12}$

=





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① $2\frac{3}{4} \div 3\frac{2}{3}$

= $\frac{11}{4} \div \frac{11}{3}$

= $\frac{11}{4} \times \frac{3}{11}$

=

③ $3\frac{1}{8} \div 1\frac{1}{3}$

=

⑤ $1\frac{1}{8} \div 2\frac{2}{11}$

=

② $2\frac{2}{5} \div 1\frac{1}{13}$

=

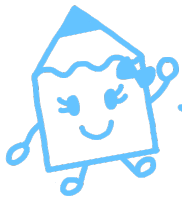
④ $2\frac{1}{14} \div 4\frac{1}{7}$

=

⑥ $1\frac{3}{7} \div 1\frac{1}{13}$

=





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① $1\frac{3}{5} \div 4\frac{2}{7}$

= $\frac{8}{5} \div \frac{30}{7}$

=

③ $2\frac{3}{5} \div 1\frac{1}{2}$

=

⑤ $1\frac{1}{4} \div 2\frac{1}{10}$

=

② $5\frac{1}{6} \div 2\frac{1}{12}$

=

④ $2\frac{3}{11} \div 7\frac{1}{2}$

=

⑥ $2\frac{3}{5} \div 1\frac{1}{12}$

=





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$$\textcircled{1} \quad 2\frac{3}{4} \div 5\frac{7}{8}$$

=

$$\textcircled{3} \quad 5\frac{1}{6} \div 2\frac{1}{4}$$

=

$$\textcircled{5} \quad 2\frac{2}{5} \div 4\frac{2}{13}$$

=

$$\textcircled{2} \quad 1\frac{1}{2} \div 3\frac{1}{13}$$

=

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

=

$$\textcircled{6} \quad 1\frac{4}{11} \div 3\frac{1}{13}$$

=





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・次の計算をしましょう。

① $7 \div 2\frac{4}{5}$

=

③ $1\frac{1}{4} \div 1\frac{7}{8}$

=

⑤ $2\frac{1}{4} \div 1\frac{5}{9}$

=

② $1\frac{5}{6} \div 2\frac{1}{2}$

=

④ $10 \div 1\frac{1}{5}$

=

⑥ $2\frac{4}{5} \div 3\frac{1}{4}$

=



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

=

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

=

$$\textcircled{5} \quad 6\frac{1}{3} \div 2\frac{2}{15}$$

=

$$\textcircled{2} \quad 2\frac{3}{4} \div 1\frac{1}{12}$$

=

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

=

$$\textcircled{6} \quad 1\frac{4}{13} \div 2\frac{2}{13}$$

=





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12

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名まえ _____

・ 次の計算をしましょう。

① $12 \div 2\frac{6}{7}$

=

③ $1\frac{1}{4} \div 1\frac{1}{6}$

=

⑤ $4\frac{3}{4} \div 1\frac{3}{20}$

=

② $4\frac{1}{3} \div 1\frac{3}{10}$

=

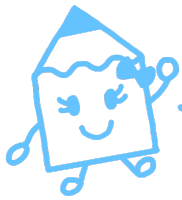
④ $24 \div 1\frac{1}{15}$

=

⑥ $2\frac{5}{8} \div 3\frac{4}{15}$

=





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・ 次の計算をしましょう。

$$\textcircled{1} \quad 6\frac{3}{5} \div 4\frac{1}{5}$$

=

$$\textcircled{3} \quad 20 \div 1\frac{7}{8}$$

=

$$\textcircled{5} \quad 1\frac{2}{3} \div 1\frac{1}{15}$$

=

$$\textcircled{2} \quad 35 \div 1\frac{5}{16}$$

=

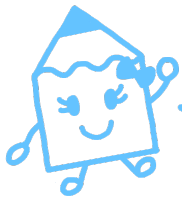
$$\textcircled{4} \quad 4\frac{2}{3} \div 4\frac{1}{5}$$

=

$$\textcircled{6} \quad 1\frac{1}{20} \div 3\frac{4}{15}$$

=





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14

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名まえ _____

・次の計算をしましょう。

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

=

$$\textcircled{3} \quad 15 \div 1\frac{5}{7}$$

=

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

=

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

=

$$\textcircled{4} \quad 49 \div 1\frac{5}{9}$$

=

$$\textcircled{6} \quad 1\frac{1}{13} \div 1\frac{1}{3}$$

=



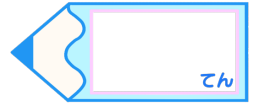


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15

目指せ80点!



名まえ _____

・次の計算をしましょう。(各20点)

① $1\frac{3}{4} \div 1\frac{5}{9}$

=

③ $16 \div 3\frac{3}{5}$

=

⑤ $1\frac{2}{3} \div 2\frac{4}{5}$

=

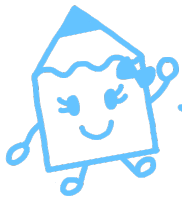
② $8 \div 2\frac{2}{5}$

=

④ $1\frac{1}{14} \div 1\frac{3}{7}$

=



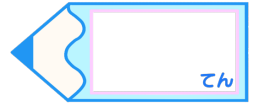


分数のわり算 10

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

=

③ $14 \div 1\frac{1}{5}$

=

⑤ $1\frac{2}{5} \div 1\frac{2}{13}$

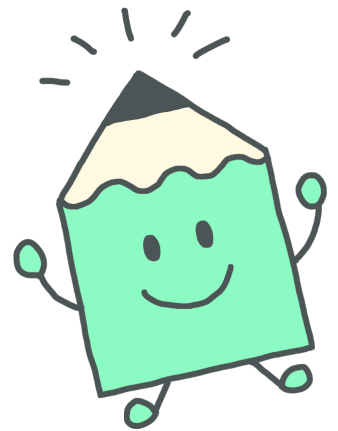
=

② $2\frac{2}{3} \div 4\frac{1}{12}$

=

④ $35 \div 1\frac{2}{13}$

=





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

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

$$= \frac{5}{3} \times \frac{4}{9}$$

$$= \frac{5 \times 4}{3 \times 9}$$

$$= \frac{20}{27}$$

$$\textcircled{3} \quad 2\frac{1}{4} \div 1\frac{3}{8}$$

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

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

$$= \frac{9 \times \cancel{8}^2}{\cancel{4} \times 11}$$

$$= \frac{18}{11} \left(1\frac{7}{11} \right)$$

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

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

$$= \frac{4}{3} \times \frac{5}{13}$$

$$= \frac{4 \times 5}{3 \times 13}$$

$$= \frac{20}{39}$$

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

$$= \frac{7}{6} \div \frac{14}{5}$$

$$= \frac{7}{6} \times \frac{5}{14}$$

$$= \frac{\cancel{7} \times 5}{6 \times \cancel{14}_2}$$

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

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

$$= \frac{5}{4} \div \frac{5}{2}$$

$$= \frac{5}{4} \times \frac{2}{5}$$

$$= \frac{\cancel{5} \times \cancel{2}}{\cancel{4}_2 \times \cancel{5}}$$

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

$$\textcircled{6} \quad 1\frac{2}{3} \div 3\frac{2}{3}$$

$$= \frac{5}{3} \div \frac{11}{3}$$

$$= \frac{5}{3} \times \frac{3}{11}$$

$$= \frac{5 \times \cancel{3}}{\cancel{3} \times 11}$$

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





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

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

$$= \frac{7}{3} \times \frac{4}{7}$$

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

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

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

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

$$= \frac{3}{2} \times \frac{4}{7}$$

$$= \frac{3 \times \cancel{4}^2}{\cancel{2} \times 7}$$

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

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

$$= \frac{8}{3} \div \frac{6}{5}$$

$$= \frac{8}{3} \times \frac{5}{6}$$

$$= \frac{\cancel{8}^4 \times 5}{3 \times \cancel{6}_3}$$

$$= \frac{20}{9} \left(2\frac{2}{9}\right)$$

$$\textcircled{2} \quad 1\frac{2}{5} \div 1\frac{3}{10}$$

$$= \frac{7}{5} \div \frac{13}{10}$$

$$= \frac{7}{5} \times \frac{10}{13}$$

$$= \frac{7 \times \cancel{10}^2}{\cancel{5} \times 13}$$

$$= \frac{14}{13} \left(1\frac{1}{13}\right)$$

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

$$= \frac{11}{5} \div \frac{3}{2}$$

$$= \frac{11}{5} \times \frac{2}{3}$$

$$= \frac{11 \times 2}{5 \times 3}$$

$$= \frac{22}{15} \left(1\frac{7}{15}\right)$$

$$\textcircled{6} \quad 1\frac{1}{3} \div 2\frac{2}{3}$$

$$= \frac{4}{3} \div \frac{8}{3}$$

$$= \frac{4}{3} \times \frac{3}{8}$$

$$= \frac{\cancel{4} \times \cancel{3}^1}{\cancel{3} \times \cancel{8}_2}$$

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





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

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

$$= \frac{4}{3} \times \frac{5}{12}$$

$$= \frac{\overset{1}{\cancel{4}} \times 5}{3 \times \underset{3}{\cancel{12}}}$$

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

$$\textcircled{3} \quad 1\frac{1}{5} \div 2\frac{5}{8}$$

$$= \frac{6}{5} \div \frac{21}{8}$$

$$= \frac{6}{5} \times \frac{8}{21}$$

$$= \frac{\overset{2}{\cancel{6}} \times 8}{5 \times \underset{7}{\cancel{21}}}$$

$$= \frac{16}{35}$$

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

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

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

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

$$= \frac{25}{18} \left(1\frac{7}{18}\right)$$

$$\textcircled{2} \quad 2\frac{2}{3} \div 1\frac{7}{11}$$

$$= \frac{8}{3} \div \frac{18}{11}$$

$$= \frac{8}{3} \times \frac{11}{18}$$

$$= \frac{\overset{4}{\cancel{8}} \times 11}{3 \times \underset{9}{\cancel{18}}}$$

$$= \frac{44}{27} \left(1\frac{17}{27}\right)$$

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

$$= \frac{7}{6} \div \frac{9}{2}$$

$$= \frac{7}{6} \times \frac{2}{9}$$

$$= \frac{7 \times \overset{1}{\cancel{2}}}{\underset{3}{\cancel{6}} \times 9}$$

$$= \frac{7}{27}$$

$$\textcircled{6} \quad 2\frac{1}{2} \div 2\frac{1}{12}$$

$$= \frac{5}{2} \div \frac{25}{12}$$

$$= \frac{5}{2} \times \frac{12}{25}$$

$$= \frac{\overset{1}{\cancel{5}} \times \overset{6}{\cancel{12}}}{\underset{5}{\cancel{2}} \times \underset{5}{\cancel{25}}}$$

$$= \frac{6}{5} \left(1\frac{1}{5}\right)$$





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

$$= \frac{7}{2} \div \frac{13}{4}$$

$$= \frac{7}{2} \times \frac{4}{13}$$

$$= \frac{7 \times \cancel{4}^2}{\cancel{2} \times 13}$$

$$= \frac{14}{13} \left(1\frac{1}{13} \right)$$

$$\textcircled{3} \quad 2\frac{1}{4} \div 1\frac{2}{5}$$

$$= \frac{9}{4} \div \frac{7}{5}$$

$$= \frac{9}{4} \times \frac{5}{7}$$

$$= \frac{9 \times 5}{4 \times 7}$$

$$= \frac{45}{28} \left(1\frac{17}{28} \right)$$

$$\textcircled{5} \quad 2\frac{1}{5} \div 2\frac{3}{4}$$

$$= \frac{11}{5} \div \frac{11}{4}$$

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

$$= \frac{\cancel{11} \times 4}{5 \times \cancel{11}}$$

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

$$\textcircled{2} \quad 1\frac{1}{4} \div 2\frac{4}{13}$$

$$= \frac{5}{4} \div \frac{30}{13}$$

$$= \frac{5}{4} \times \frac{13}{30}$$

$$= \frac{\cancel{5} \times 13}{4 \times \cancel{30}_6}$$

$$= \frac{13}{24}$$

$$\textcircled{4} \quad 2\frac{9}{10} \div 4\frac{1}{2}$$

$$= \frac{29}{10} \div \frac{9}{2}$$

$$= \frac{29}{10} \times \frac{2}{9}$$

$$= \frac{29 \times \cancel{2}^1}{\cancel{10}_5 \times 9}$$

$$= \frac{29}{45}$$

$$\textcircled{6} \quad 1\frac{11}{15} \div 1\frac{1}{12}$$

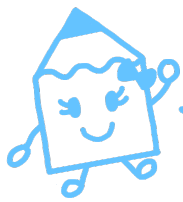
$$= \frac{26}{15} \div \frac{13}{12}$$

$$= \frac{26}{15} \times \frac{12}{13}$$

$$= \frac{\cancel{26}^2 \times \cancel{12}^4}{\cancel{15}_5 \times \cancel{13}}$$

$$= \frac{8}{5} \left(1\frac{3}{5} \right)$$





分数のわり算 10

◎ 帯分数同士のわり算
(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。)

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

$$= \frac{10}{7} \div \frac{12}{5}$$

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

$$= \frac{\overset{5}{\cancel{10}} \times 5}{7 \times \underset{6}{\cancel{12}}}$$

$$= \frac{25}{42}$$

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

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

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

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

$$= \frac{25}{18} \left(1\frac{7}{18}\right)$$

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

$$= \frac{8}{5} \div \frac{10}{7}$$

$$= \frac{8}{5} \times \frac{7}{10}$$

$$= \frac{\overset{4}{\cancel{8}} \times 7}{5 \times \underset{5}{\cancel{10}}}$$

$$= \frac{28}{25} \left(1\frac{3}{25}\right)$$

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

$$= \frac{21}{4} \div \frac{7}{5}$$

$$= \frac{21}{4} \times \frac{5}{7}$$

$$= \frac{\overset{3}{\cancel{21}} \times 5}{4 \times \underset{1}{\cancel{7}}}$$

$$= \frac{15}{4} \left(3\frac{3}{4}\right)$$

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

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

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

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

$$= \frac{27}{35}$$

$$\textcircled{6} \quad 2\frac{6}{7} \div 1\frac{1}{14}$$

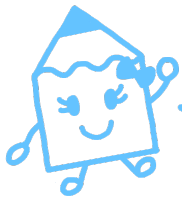
$$= \frac{20}{7} \div \frac{15}{14}$$

$$= \frac{20}{7} \times \frac{14}{15}$$

$$= \frac{\overset{4}{\cancel{20}} \times \overset{2}{\cancel{14}}}{\underset{1}{\cancel{7}} \times \underset{3}{\cancel{15}}}$$

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





分数のわり算 10

◎ 帯分数同士のわり算
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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。)

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

$$= \frac{19}{6} \div \frac{10}{3}$$

$$= \frac{19}{6} \times \frac{3}{10}$$

$$= \frac{19 \times \cancel{3}^1}{\cancel{6}_2 \times 10}$$

$$= \frac{19}{20}$$

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

$$= \frac{5}{3} \div \frac{10}{3}$$

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

$$= \frac{\cancel{5}^1 \times \cancel{3}^1}{\cancel{3}_1 \times \cancel{10}_2}$$

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

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

$$= \frac{6}{5} \div \frac{7}{2}$$

$$= \frac{6}{5} \times \frac{2}{7}$$

$$= \frac{6 \times 2}{5 \times 7}$$

$$= \frac{12}{35}$$

$$\textcircled{2} \quad 2\frac{1}{3} \div 1\frac{1}{11}$$

$$= \frac{7}{3} \div \frac{12}{11}$$

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

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

$$= \frac{77}{36} \left(2\frac{5}{36} \right)$$

$$\textcircled{4} \quad 2\frac{1}{12} \div 3\frac{1}{3}$$

$$= \frac{25}{12} \div \frac{10}{3}$$

$$= \frac{25}{12} \times \frac{3}{10}$$

$$= \frac{\cancel{25}^5 \times \cancel{3}^1}{\cancel{12}_4 \times \cancel{10}_2}$$

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

$$\textcircled{6} \quad 1\frac{3}{10} \div 1\frac{1}{12}$$

$$= \frac{13}{10} \div \frac{13}{12}$$

$$= \frac{13}{10} \times \frac{12}{13}$$

$$= \frac{\cancel{13}^1 \times \cancel{12}^6}{\cancel{10}_5 \times \cancel{13}_1}$$

$$= \frac{6}{5} \left(1\frac{1}{5} \right)$$





分数のわり算 10

◎ 帯分数同士のわり算
(約分あり)



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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。)

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

$$= \frac{11}{4} \div \frac{11}{3}$$

$$= \frac{11}{4} \times \frac{3}{11}$$

$$= \frac{\overset{1}{\cancel{11}} \times 3}{4 \times \underset{1}{\cancel{11}}}$$

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

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

$$= \frac{25}{8} \div \frac{4}{3}$$

$$= \frac{25}{8} \times \frac{3}{4}$$

$$= \frac{25 \times 3}{8 \times 4}$$

$$= \frac{75}{32} \left(2\frac{11}{32} \right)$$

$$\textcircled{5} \quad 1\frac{1}{8} \div 2\frac{2}{11}$$

$$= \frac{9}{8} \div \frac{24}{11}$$

$$= \frac{9}{8} \times \frac{11}{24}$$

$$= \frac{\overset{3}{\cancel{9}} \times 11}{8 \times \underset{8}{\cancel{24}}}$$

$$= \frac{33}{64}$$

$$\textcircled{2} \quad 2\frac{2}{5} \div 1\frac{1}{13}$$

$$= \frac{12}{5} \div \frac{14}{13}$$

$$= \frac{12}{5} \times \frac{13}{14}$$

$$= \frac{\overset{6}{\cancel{12}} \times 13}{5 \times \underset{7}{\cancel{14}}}$$

$$= \frac{78}{35} \left(2\frac{8}{35} \right)$$

$$\textcircled{4} \quad 2\frac{1}{14} \div 4\frac{1}{7}$$

$$= \frac{29}{14} \div \frac{29}{7}$$

$$= \frac{29}{14} \times \frac{7}{29}$$

$$= \frac{\overset{1}{\cancel{29}} \times \underset{1}{\cancel{7}}}{\underset{2}{\cancel{14}} \times \overset{1}{\cancel{29}}}$$

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

$$\textcircled{6} \quad 1\frac{3}{7} \div 1\frac{1}{13}$$

$$= \frac{10}{7} \div \frac{14}{13}$$

$$= \frac{10}{7} \times \frac{13}{14}$$

$$= \frac{\overset{5}{\cancel{10}} \times 13}{7 \times \underset{7}{\cancel{14}}}$$

$$= \frac{65}{49} \left(1\frac{16}{49} \right)$$





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◎ 帯分数同士のわり算
(約分あり)



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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。)

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

$$= \frac{8}{5} \div \frac{30}{7}$$

$$= \frac{8}{5} \times \frac{7}{30}$$

$$= \frac{\overset{4}{\cancel{8}} \times 7}{5 \times \underset{15}{\cancel{30}}}$$

$$= \frac{28}{75}$$

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

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

$$= \frac{13}{5} \times \frac{2}{3}$$

$$= \frac{13 \times 2}{5 \times 3}$$

$$= \frac{26}{15} \left(1\frac{11}{15} \right)$$

$$\textcircled{5} \quad 1\frac{1}{4} \div 2\frac{1}{10}$$

$$= \frac{5}{4} \div \frac{21}{10}$$

$$= \frac{5}{4} \times \frac{10}{21}$$

$$= \frac{5 \times \overset{5}{\cancel{10}}}{\underset{2}{\cancel{4}} \times 21}$$

$$= \frac{25}{42}$$

$$\textcircled{2} \quad 5\frac{1}{6} \div 2\frac{1}{12}$$

$$= \frac{31}{6} \div \frac{25}{12}$$

$$= \frac{31}{6} \times \frac{12}{25}$$

$$= \frac{31 \times \overset{2}{\cancel{12}}}{\underset{1}{\cancel{6}} \times 25}$$

$$= \frac{62}{25} \left(2\frac{12}{25} \right)$$

$$\textcircled{4} \quad 2\frac{3}{11} \div 7\frac{1}{2}$$

$$= \frac{25}{11} \div \frac{15}{2}$$

$$= \frac{25}{11} \times \frac{2}{15}$$

$$= \frac{\overset{5}{\cancel{25}} \times 2}{11 \times \underset{3}{\cancel{15}}}$$

$$= \frac{10}{33}$$

$$\textcircled{6} \quad 2\frac{3}{5} \div 1\frac{1}{12}$$

$$= \frac{13}{5} \div \frac{13}{12}$$

$$= \frac{13}{5} \times \frac{12}{13}$$

$$= \frac{\overset{1}{\cancel{13}} \times 12}{5 \times \underset{1}{\cancel{13}}}$$

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





分数のわり算 10

◎ 帯分数同士のわり算
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・次の計算をしましょう。

$$\textcircled{1} \quad 2\frac{3}{4} \div 5\frac{7}{8}$$

$$= \frac{11}{4} \div \frac{47}{8}$$

$$= \frac{11}{4} \times \frac{8}{47}$$

$$= \frac{11 \times \cancel{8}^2}{\cancel{4}_1 \times 47}$$

$$= \frac{22}{47}$$

$$\textcircled{3} \quad 5\frac{1}{6} \div 2\frac{1}{4}$$

$$= \frac{31}{6} \div \frac{9}{4}$$

$$= \frac{31}{6} \times \frac{4}{9}$$

$$= \frac{31 \times \cancel{4}^2}{\cancel{6}_3 \times 9}$$

$$= \frac{62}{27} \left(2\frac{8}{27} \right)$$

$$\textcircled{5} \quad 2\frac{2}{5} \div 4\frac{2}{13}$$

$$= \frac{12}{5} \div \frac{54}{13}$$

$$= \frac{12}{5} \times \frac{13}{54}$$

$$= \frac{\cancel{12}^2 \times 13}{5 \times \cancel{54}_9}$$

$$= \frac{26}{45}$$

$$\textcircled{2} \quad 1\frac{1}{2} \div 3\frac{1}{13}$$

$$= \frac{3}{2} \div \frac{40}{13}$$

$$= \frac{3}{2} \times \frac{13}{40}$$

$$= \frac{3 \times 13}{2 \times 40}$$

$$= \frac{39}{80}$$

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

$$= \frac{25}{12} \div \frac{5}{2}$$

$$= \frac{25}{12} \times \frac{2}{5}$$

$$= \frac{\cancel{25}^5 \times \cancel{2}^1}{\cancel{12}_6 \times \cancel{5}_1}$$

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

$$\textcircled{6} \quad 1\frac{4}{11} \div 3\frac{1}{13}$$

$$= \frac{15}{11} \div \frac{40}{13}$$

$$= \frac{15}{11} \times \frac{13}{40}$$

$$= \frac{\cancel{15}^3 \times 13}{11 \times \cancel{40}_8}$$

$$= \frac{39}{88}$$





分数のわり算 10

◎ 帯分数同士のわり算
(約分あり)

10

日にち： 月 日

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・ 次の計算をしましょう。

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

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

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

$$= \frac{\overset{1}{\cancel{7}} \times 5}{\underset{2}{\cancel{14}}}$$

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

$$\textcircled{3} \quad 1\frac{1}{4} \div 1\frac{7}{8}$$

$$= \frac{5}{4} \div \frac{15}{8}$$

$$= \frac{5}{4} \times \frac{8}{15}$$

$$= \frac{\overset{1}{\cancel{5}} \times \overset{2}{\cancel{8}}}{\underset{1}{\cancel{4}} \times \underset{3}{\cancel{15}}}$$

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

$$\textcircled{5} \quad 2\frac{1}{4} \div 1\frac{5}{9}$$

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

$$= \frac{9}{4} \times \frac{9}{14}$$

$$= \frac{9 \times 9}{4 \times 14}$$

$$= \frac{81}{56} \left(1\frac{25}{56} \right)$$

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

$$= \frac{11}{6} \div \frac{5}{2}$$

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

$$= \frac{11 \times \overset{1}{\cancel{2}}}{\underset{3}{\cancel{6}} \times 5}$$

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

$$\textcircled{4} \quad 10 \div 1\frac{1}{5}$$

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

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

$$= \frac{\overset{5}{\cancel{10}} \times 5}{\underset{3}{\cancel{6}}}$$

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

$$\textcircled{6} \quad 2\frac{4}{5} \div 3\frac{1}{4}$$

$$= \frac{14}{5} \div \frac{13}{4}$$

$$= \frac{14}{5} \times \frac{4}{13}$$

$$= \frac{14 \times 4}{5 \times 13}$$

$$= \frac{56}{65}$$





分数のわり算 10

◎ 帯分数同士のわり算
(約分あり)



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・次の計算をしましょう。

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

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

$$= \frac{10}{3} \times \frac{5}{7}$$

$$= \frac{10 \times 5}{3 \times 7}$$

$$= \frac{50}{21} \left(2\frac{8}{21} \right)$$

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

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

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

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

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

$$\textcircled{5} \quad 6\frac{1}{3} \div 2\frac{2}{15}$$

$$= \frac{19}{3} \div \frac{32}{15}$$

$$= \frac{19}{3} \times \frac{15}{32}$$

$$= \frac{19 \times \overset{5}{\cancel{15}}}{\underset{1}{\cancel{3}} \times 32}$$

$$= \frac{95}{32} \left(2\frac{31}{32} \right)$$

$$\textcircled{2} \quad 2\frac{3}{4} \div 1\frac{1}{12}$$

$$= \frac{11}{4} \div \frac{13}{12}$$

$$= \frac{11}{4} \times \frac{12}{13}$$

$$= \frac{11 \times \overset{3}{\cancel{12}}}{\underset{1}{\cancel{4}} \times 13}$$

$$= \frac{33}{13} \left(2\frac{7}{13} \right)$$

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

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

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

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

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

$$\textcircled{6} \quad 1\frac{4}{13} \div 2\frac{2}{13}$$

$$= \frac{17}{13} \div \frac{28}{13}$$

$$= \frac{17}{13} \times \frac{13}{28}$$

$$= \frac{17 \times \overset{1}{\cancel{13}}}{\underset{1}{\cancel{13}} \times 28}$$

$$= \frac{17}{28}$$





分数のわり算 10

◎ 帯分数同士のわり算
(約分あり)

12

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名まえ

・次の計算をしましょう。

$$\textcircled{1} 12 \div 2\frac{6}{7}$$

$$= 12 \div \frac{20}{7}$$

$$= 12 \times \frac{7}{20}$$

$$= \frac{\overset{3}{\cancel{12}} \times 7}{20 \underset{5}{\cancel{5}}}$$

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

$$\textcircled{2} 4\frac{1}{3} \div 1\frac{3}{10}$$

$$= \frac{13}{3} \div \frac{13}{10}$$

$$= \frac{13}{3} \times \frac{10}{13}$$

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

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

$$\textcircled{3} 1\frac{1}{4} \div 1\frac{1}{6}$$

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

$$= \frac{5}{4} \times \frac{6}{7}$$

$$= \frac{5 \times \underset{2}{\cancel{6}}}{\underset{4}{\cancel{4}} \times 7}$$

$$= \frac{15}{14} \left(1\frac{1}{14}\right)$$

$$\textcircled{4} 24 \div 1\frac{1}{15}$$

$$= 24 \div \frac{16}{15}$$

$$= 24 \times \frac{15}{16}$$

$$= \frac{\overset{3}{\cancel{24}} \times 15}{\underset{2}{\cancel{16}}}$$

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

$$\textcircled{5} 4\frac{3}{4} \div 1\frac{3}{20}$$

$$= \frac{19}{4} \div \frac{23}{20}$$

$$= \frac{19}{4} \times \frac{20}{23}$$

$$= \frac{\underset{1}{\cancel{19}} \times \overset{5}{\cancel{20}}}{\underset{4}{\cancel{4}} \times 23}$$

$$= \frac{95}{23} \left(4\frac{3}{23}\right)$$

$$\textcircled{6} 2\frac{5}{8} \div 3\frac{4}{15}$$

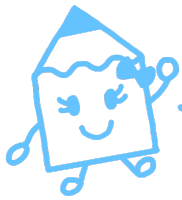
$$= \frac{21}{8} \div \frac{49}{15}$$

$$= \frac{21}{8} \times \frac{15}{49}$$

$$= \frac{\overset{3}{\cancel{21}} \times 15}{8 \times \underset{7}{\cancel{49}}}$$

$$= \frac{45}{56}$$





分数のわり算 10

◎ 帯分数同士のわり算
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13

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・次の計算をしましょう。

$$\textcircled{1} \quad 6\frac{3}{5} \div 4\frac{1}{5}$$

$$= \frac{33}{5} \div \frac{21}{5}$$

$$= \frac{33}{5} \times \frac{5}{21}$$

$$= \frac{\overset{1}{\cancel{33}} \times \overset{1}{\cancel{5}}}{\underset{1}{\cancel{5}} \times \underset{7}{\cancel{21}}}$$

$$= \frac{11}{7} \left(1\frac{4}{7}\right)$$

$$\textcircled{2} \quad 35 \div 1\frac{5}{16}$$

$$= 35 \div \frac{21}{16}$$

$$= 35 \times \frac{16}{21}$$

$$= \frac{\overset{5}{\cancel{35}} \times 16}{\underset{3}{\cancel{21}}}$$

$$= \frac{80}{3} \left(26\frac{2}{3}\right)$$

$$\textcircled{3} \quad 20 \div 1\frac{7}{8}$$

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

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

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

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

$$\textcircled{4} \quad 4\frac{2}{3} \div 4\frac{1}{5}$$

$$= \frac{14}{3} \div \frac{21}{5}$$

$$= \frac{14}{3} \times \frac{5}{21}$$

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

$$= \frac{10}{9} \left(1\frac{1}{9}\right)$$

$$\textcircled{5} \quad 1\frac{2}{3} \div 1\frac{1}{15}$$

$$= \frac{5}{3} \div \frac{16}{15}$$

$$= \frac{5}{3} \times \frac{15}{16}$$

$$= \frac{\overset{5}{\cancel{5}} \times \overset{5}{\cancel{15}}}{\underset{16}{\cancel{3}} \times 16}$$

$$= \frac{25}{16} \left(1\frac{9}{16}\right)$$

$$\textcircled{6} \quad 1\frac{1}{20} \div 3\frac{4}{15}$$

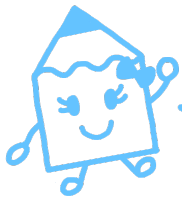
$$= \frac{21}{20} \div \frac{49}{15}$$

$$= \frac{21}{20} \times \frac{15}{49}$$

$$= \frac{\overset{3}{\cancel{21}} \times \overset{3}{\cancel{15}}}{\underset{4}{\cancel{20}} \times \underset{7}{\cancel{49}}}$$

$$= \frac{9}{28}$$





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◎ 帯分数同士のわり算
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・次の計算をしましょう。

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

$$= \frac{15}{2} \div \frac{5}{3}$$

$$= \frac{15}{2} \times \frac{3}{5}$$

$$= \frac{\overset{3}{\cancel{15}} \times \cancel{3}}{2 \times \cancel{5}}$$

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

$$\textcircled{3} \quad 15 \div 1\frac{5}{7}$$

$$= 15 \div \frac{12}{7}$$

$$= 15 \times \frac{7}{12}$$

$$= \frac{\overset{5}{\cancel{15}} \times \cancel{7}}{\cancel{12}_4}$$

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

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

$$= \frac{26}{5} \div \frac{6}{5}$$

$$= \frac{26}{5} \times \frac{5}{6}$$

$$= \frac{\overset{13}{\cancel{26}} \times \cancel{5}^1}{\cancel{5}_1 \times \cancel{6}_3}$$

$$= \frac{13}{3} \left(4\frac{1}{3}\right)$$

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

$$= \frac{9}{4} \div \frac{9}{2}$$

$$= \frac{9}{4} \times \frac{2}{9}$$

$$= \frac{\overset{1}{\cancel{9}} \times \cancel{2}^1}{\underset{2}{4} \times \cancel{9}^1}$$

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

$$\textcircled{4} \quad 49 \div 1\frac{5}{9}$$

$$= 49 \div \frac{14}{9}$$

$$= 49 \times \frac{9}{14}$$

$$= \frac{\overset{7}{\cancel{49}} \times \cancel{9}}{\cancel{14}_2}$$

$$= \frac{63}{2} \left(31\frac{1}{2}\right)$$

$$\textcircled{6} \quad 1\frac{1}{13} \div 1\frac{1}{3}$$

$$= \frac{14}{13} \div \frac{4}{3}$$

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

$$= \frac{\overset{7}{\cancel{14}} \times \cancel{3}}{\cancel{13} \times \cancel{4}_2}$$

$$= \frac{21}{26}$$



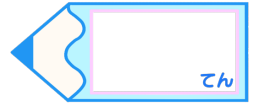


分数のわり算 10

◎ 帯分数同士のわり算
(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)

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

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

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

$$= \frac{\overset{1}{\cancel{7}} \times 9}{4 \times \underset{2}{\cancel{14}}}$$

$$= \frac{9}{8} \left(1\frac{1}{8}\right)$$

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

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

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

$$= \frac{\overset{8}{\cancel{16}} \times 5}{\underset{9}{\cancel{18}}}$$

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

$$\textcircled{5} \quad 1\frac{2}{3} \div 2\frac{4}{5}$$

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

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

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

$$= \frac{25}{42}$$

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

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

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

$$= \frac{\overset{2}{\cancel{8}} \times 5}{\underset{3}{\cancel{12}}}$$

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

$$\textcircled{4} \quad 1\frac{1}{14} \div 1\frac{3}{7}$$

$$= \frac{15}{14} \div \frac{10}{7}$$

$$= \frac{15}{14} \times \frac{7}{10}$$

$$= \frac{\overset{3}{\cancel{15}} \times \underset{1}{\cancel{7}}}{\underset{2}{\cancel{14}} \times \underset{2}{\cancel{10}}}$$

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



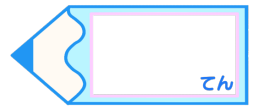


分数のわり算 10

◎ 帯分数同士のわり算
(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)

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

$$= \frac{9}{2} \div \frac{15}{4}$$

$$= \frac{9}{2} \times \frac{4}{15}$$

$$= \frac{\overset{3}{\cancel{9}} \times \overset{2}{\cancel{4}}}{\underset{1}{\cancel{2}} \times \underset{5}{\cancel{15}}}$$

$$= \frac{6}{5} \left(1\frac{1}{5}\right)$$

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

$$= 14 \div \frac{6}{5}$$

$$= 14 \times \frac{5}{6}$$

$$= \frac{\overset{7}{\cancel{14}} \times 5}{\underset{6}{\cancel{6}} \underset{3}{3}}$$

$$= \frac{35}{3} \left(11\frac{1}{3}\right)$$

$$\textcircled{5} \quad 1\frac{2}{5} \div 1\frac{2}{13}$$

$$= \frac{7}{5} \div \frac{15}{13}$$

$$= \frac{7}{5} \times \frac{13}{15}$$

$$= \frac{7 \times 13}{5 \times 15}$$

$$= \frac{91}{75} \left(1\frac{16}{75}\right)$$

$$\textcircled{2} \quad 2\frac{2}{3} \div 4\frac{1}{12}$$

$$= \frac{8}{3} \div \frac{49}{12}$$

$$= \frac{8}{3} \times \frac{12}{49}$$

$$= \frac{8 \times \overset{4}{\cancel{12}}}{\underset{1}{\cancel{3}} \times 49}$$

$$= \frac{32}{49}$$

$$\textcircled{4} \quad 35 \div 1\frac{2}{13}$$

$$= 35 \div \frac{15}{13}$$

$$= 35 \times \frac{13}{15}$$

$$= \frac{\overset{7}{\cancel{35}} \times 13}{\underset{15}{\cancel{15}} \underset{3}{3}}$$

$$= \frac{91}{3} \left(30\frac{1}{3}\right)$$

