



分数のわり算 5

● 分数を分数でわる
(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。)

$$\textcircled{1} \quad \frac{2}{3} \div \frac{4}{5} = \frac{2}{3} \times \frac{5}{4} = \frac{\cancel{2}^1 \times 5}{3 \times \cancel{4}_2} = \frac{5}{6}$$

$$\textcircled{2} \quad \frac{2}{3} \div \frac{8}{9} = \frac{2}{3} \times \frac{9}{8} = \frac{\cancel{2}^1 \times \cancel{9}^3}{\cancel{3}_1 \times \cancel{8}_4} = \frac{3}{4}$$

$$\textcircled{3} \quad \frac{5}{12} \div \frac{5}{7} = \frac{5}{12} \times \frac{7}{5} =$$

$$\textcircled{4} \quad \frac{9}{10} \div \frac{3}{4} =$$

$$\textcircled{5} \quad \frac{3}{5} \div \frac{9}{11} =$$

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

$$\textcircled{7} \quad \frac{6}{7} \div \frac{5}{21} =$$



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$$\textcircled{1} \quad \frac{3}{8} \div \frac{3}{4} = \frac{3}{8} \times \frac{4}{3} = \frac{\cancel{3}^1 \times \cancel{4}_1}{\underset{2}{\cancel{8}} \times \cancel{3}_1} = \frac{1}{2}$$

$$\textcircled{2} \quad \frac{5}{9} \div \frac{2}{3} = \frac{5}{9} \times \frac{3}{2} =$$

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

$$\textcircled{4} \quad \frac{5}{7} \div \frac{3}{14} =$$

$$\textcircled{5} \quad \frac{4}{13} \div \frac{2}{3} =$$

$$\textcircled{6} \quad \frac{1}{3} \div \frac{7}{9} =$$

$$\textcircled{7} \quad \frac{8}{15} \div \frac{4}{5} =$$





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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。)

$$\textcircled{1} \quad \frac{5}{6} \div \frac{2}{3} = \frac{5}{6} \times \frac{3}{2} = \frac{5 \times \cancel{3}^1}{\cancel{6}_2 \times 2} =$$

$$\textcircled{2} \quad \frac{5}{6} \div \frac{4}{9} =$$

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

$$\textcircled{4} \quad \frac{3}{7} \div \frac{9}{10} =$$

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

$$\textcircled{6} \quad \frac{1}{4} \div \frac{5}{8} =$$

$$\textcircled{7} \quad \frac{9}{14} \div \frac{2}{7} =$$





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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。)

$$\textcircled{1} \quad \frac{3}{8} \div \frac{5}{12} = \frac{3}{8} \times \frac{12}{5} =$$

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

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

$$\textcircled{4} \quad \frac{4}{7} \div \frac{8}{13} =$$

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

$$\textcircled{6} \quad \frac{7}{8} \div \frac{1}{4} =$$

$$\textcircled{7} \quad \frac{8}{25} \div \frac{4}{5} =$$





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$$\textcircled{1} \quad \frac{5}{4} \div \frac{3}{2} = \frac{5}{4} \times \frac{2}{3} = \frac{5 \times \cancel{2}^1}{\cancel{4}_2 \times 3} = \frac{5}{6}$$

$$\textcircled{2} \quad \frac{2}{9} \div \frac{4}{9} = \frac{2}{9} \times \frac{9}{4} =$$

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

$$\textcircled{4} \quad \frac{5}{12} \div \frac{5}{6} =$$

$$\textcircled{5} \quad \frac{12}{25} \div \frac{2}{15} =$$

$$\textcircled{6} \quad \frac{5}{6} \div \frac{11}{12} =$$

$$\textcircled{7} \quad \frac{3}{4} \div \frac{9}{10} =$$



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$$\textcircled{1} \quad \frac{4}{5} \div \frac{9}{10} = \frac{4}{5} \times \frac{10}{9} = \frac{4 \times \cancel{10}^2}{\cancel{5} \times 9} =$$

$$\textcircled{2} \quad \frac{4}{9} \div \frac{2}{3} =$$

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

$$\textcircled{4} \quad \frac{3}{5} \div \frac{9}{14} =$$

$$\textcircled{5} \quad \frac{4}{21} \div \frac{2}{3} =$$

$$\textcircled{6} \quad \frac{5}{6} \div \frac{7}{9} =$$

$$\textcircled{7} \quad \frac{15}{49} \div \frac{5}{7} =$$



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$$\textcircled{1} \quad \frac{3}{7} \div \frac{9}{14} = \frac{3}{7} \times \frac{14}{9} =$$

$$\textcircled{2} \quad \frac{5}{9} \div \frac{2}{3} =$$

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

$$\textcircled{4} \quad \frac{3}{8} \div \frac{7}{48} =$$

$$\textcircled{5} \quad \frac{25}{36} \div \frac{5}{6} =$$

$$\textcircled{6} \quad \frac{5}{8} \div \frac{7}{16} =$$

$$\textcircled{7} \quad \frac{15}{49} \div \frac{5}{7} =$$



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$$\textcircled{1} \quad \frac{3}{8} \div \frac{9}{16} =$$

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

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

$$\textcircled{4} \quad \frac{3}{7} \div \frac{5}{49} =$$

$$\textcircled{5} \quad \frac{8}{45} \div \frac{4}{5} =$$

$$\textcircled{6} \quad \frac{5}{9} \div \frac{10}{27} =$$

$$\textcircled{7} \quad \frac{15}{49} \div \frac{5}{7} =$$





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・ 次の計算をしましょう。

$$\textcircled{1} \quad \frac{5}{6} \div \frac{25}{42} =$$

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

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

$$\textcircled{4} \quad \frac{4}{5} \div \frac{16}{45} =$$

$$\textcircled{5} \quad \frac{21}{32} \div \frac{3}{4} =$$

$$\textcircled{6} \quad \frac{3}{8} \div \frac{9}{16} =$$

$$\textcircled{7} \quad \frac{21}{32} \div \frac{3}{4} =$$





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名まえ

・ 次の計算をしましょう。

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

$$\textcircled{2} \quad \frac{4}{9} \div \frac{3}{2} =$$

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

$$\textcircled{4} \quad \frac{3}{10} \div \frac{5}{9} =$$

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

$$\textcircled{6} \quad \frac{3}{8} \div \frac{6}{7} =$$

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



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名まえ

・ 次の計算をしましょう。

$$\textcircled{1} \quad \frac{3}{7} \div \frac{15}{28} =$$

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

$$\textcircled{3} \quad \frac{1}{9} \div \frac{2}{3} =$$

$$\textcircled{4} \quad \frac{3}{17} \div \frac{2}{5} =$$

$$\textcircled{5} \quad \frac{27}{32} \div \frac{3}{4} =$$

$$\textcircled{6} \quad \frac{7}{9} \div \frac{1}{2} =$$

$$\textcircled{7} \quad \frac{12}{25} \div \frac{8}{15} =$$





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・ 次の計算をしましょう。

$$\textcircled{1} \quad \frac{3}{8} \div \frac{15}{28} =$$

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

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

$$\textcircled{4} \quad \frac{5}{19} \div \frac{3}{2} =$$

$$\textcircled{5} \quad \frac{7}{11} \div \frac{3}{5} =$$

$$\textcircled{6} \quad \frac{10}{27} \div \frac{2}{3} =$$

$$\textcircled{7} \quad \frac{9}{14} \div \frac{3}{8} =$$

⑫ 仕上げ



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名まえ _____

・ 次の計算をしましょう。

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

$$\textcircled{2} \quad \frac{5}{6} \div \frac{25}{48} =$$

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

$$\textcircled{4} \quad \frac{11}{34} \div \frac{1}{3} =$$

$$\textcircled{5} \quad \frac{32}{35} \div \frac{4}{7} =$$

$$\textcircled{6} \quad \frac{7}{11} \div \frac{3}{5} =$$

$$\textcircled{7} \quad \frac{3}{14} \div \frac{9}{16} =$$



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・ 次の計算をしましょう。

$$\textcircled{1} \quad \frac{6}{7} \div \frac{9}{14} =$$

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

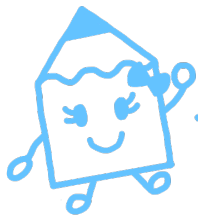
$$\textcircled{3} \quad \frac{5}{8} \div \frac{3}{10} =$$

$$\textcircled{4} \quad \frac{17}{27} \div \frac{5}{8} =$$

$$\textcircled{5} \quad \frac{13}{42} \div \frac{7}{18} =$$

$$\textcircled{6} \quad \frac{15}{16} \div \frac{3}{20} =$$

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

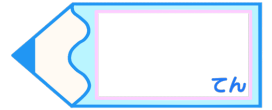


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目指せ80点!



名まえ

・ 次の計算をしましょう。(各20点)

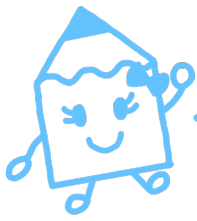
$$\textcircled{1} \quad \frac{1}{6} \div \frac{3}{8} =$$

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

$$\textcircled{3} \quad \frac{14}{15} \div \frac{2}{3} =$$

$$\textcircled{4} \quad \frac{15}{16} \div \frac{5}{8} =$$

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

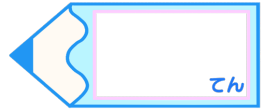


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目指せ80点!



名まえ

・ 次の計算をしましょう。(各20点)

$$\textcircled{1} \quad \frac{5}{8} \div \frac{15}{32} =$$

$$\textcircled{2} \quad \frac{7}{9} \div \frac{3}{4} =$$

$$\textcircled{3} \quad \frac{5}{16} \div \frac{1}{12} =$$

$$\textcircled{4} \quad \frac{17}{27} \div \frac{7}{8} =$$

$$\textcircled{5} \quad \frac{7}{12} \div \frac{14}{15} =$$



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$$\textcircled{1} \quad \frac{2}{3} \div \frac{4}{5} = \frac{2}{3} \times \frac{5}{4} = \frac{\cancel{2}^1 \times 5}{3 \times \cancel{4}_2} = \frac{5}{6}$$

$$\textcircled{2} \quad \frac{2}{3} \div \frac{8}{9} = \frac{2}{3} \times \frac{9}{8} = \frac{\cancel{2}^1 \times \cancel{9}^3}{\cancel{3}_1 \times \cancel{8}_4} = \frac{3}{4}$$

$$\textcircled{3} \quad \frac{5}{12} \div \frac{5}{7} = \frac{5}{12} \times \frac{7}{5} = \frac{\cancel{5}^1 \times 7}{12 \times \cancel{5}_1} = \frac{7}{12}$$

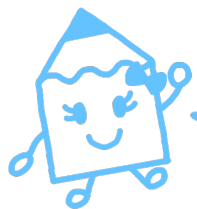
$$\textcircled{4} \quad \frac{9}{10} \div \frac{3}{4} = \frac{9}{10} \times \frac{4}{3} = \frac{\cancel{9}^3 \times \cancel{4}^2}{\cancel{10}_5 \times \cancel{3}_1} = \frac{6}{5} \left(1 \frac{1}{5}\right)$$

$$\textcircled{5} \quad \frac{3}{5} \div \frac{9}{11} = \frac{3}{5} \times \frac{11}{9} = \frac{\cancel{3}^1 \times 11}{5 \times \cancel{9}_3} = \frac{11}{15}$$

$$\textcircled{6} \quad \frac{2}{7} \div \frac{6}{7} = \frac{2}{7} \times \frac{7}{6} = \frac{\cancel{2}^1 \times \cancel{7}^1}{\cancel{7}_1 \times \cancel{6}_3} = \frac{1}{3}$$

$$\textcircled{7} \quad \frac{6}{7} \div \frac{5}{21} = \frac{6}{7} \times \frac{21}{5} = \frac{6 \times \cancel{21}^3}{\cancel{7}_1 \times 5} = \frac{18}{5} \left(3 \frac{3}{5}\right)$$





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$$\textcircled{1} \quad \frac{3}{8} \div \frac{3}{4} = \frac{3}{8} \times \frac{4}{3} = \frac{\overset{1}{\cancel{3}} \times \overset{1}{\cancel{4}}}{\underset{2}{\cancel{8}} \times \underset{1}{\cancel{3}}} = \frac{1}{2}$$

$$\textcircled{2} \quad \frac{5}{9} \div \frac{2}{3} = \frac{5}{9} \times \frac{3}{2} = \frac{\overset{1}{\cancel{5}} \times \overset{1}{\cancel{3}}}{\underset{3}{\cancel{9}} \times \underset{1}{2}} = \frac{5}{6}$$

$$\textcircled{3} \quad \frac{5}{8} \div \frac{1}{4} = \frac{5}{8} \times \frac{4}{1} = \frac{\overset{1}{\cancel{5}} \times \overset{1}{\cancel{4}}}{\underset{2}{\cancel{8}} \times \underset{1}{1}} = \frac{5}{2} \left(2\frac{1}{2}\right)$$

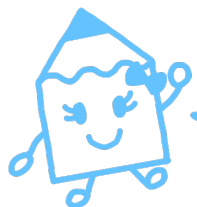
$$\textcircled{4} \quad \frac{5}{7} \div \frac{3}{14} = \frac{5}{7} \times \frac{14}{3} = \frac{\overset{2}{\cancel{5}} \times \overset{2}{\cancel{14}}}{\underset{1}{\cancel{7}} \times \underset{1}{3}} = \frac{10}{3} \left(3\frac{1}{3}\right)$$

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

$$\textcircled{6} \quad \frac{1}{3} \div \frac{7}{9} = \frac{1}{3} \times \frac{9}{7} = \frac{\underset{1}{\cancel{1}} \times \overset{3}{\cancel{9}}}{\underset{1}{3} \times \underset{1}{7}} = \frac{3}{7}$$

$$\textcircled{7} \quad \frac{8}{15} \div \frac{4}{5} = \frac{8}{15} \times \frac{5}{4} = \frac{\overset{2}{\cancel{8}} \times \overset{1}{\cancel{5}}}{\underset{3}{\cancel{15}} \times \underset{1}{\cancel{4}}} = \frac{2}{3}$$





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$$\textcircled{1} \quad \frac{5}{6} \div \frac{2}{3} = \frac{5}{6} \times \frac{3}{2} = \frac{\cancel{5} \times \cancel{3}^1}{\cancel{6}_2 \times 2} = \frac{5}{4} \left(1 \frac{1}{4}\right)$$

$$\textcircled{2} \quad \frac{5}{6} \div \frac{4}{9} = \frac{5}{6} \times \frac{9}{4} = \frac{\cancel{5} \times \cancel{9}^3}{\cancel{6}_2 \times 4} = \frac{15}{8} \left(1 \frac{7}{8}\right)$$

$$\textcircled{3} \quad \frac{1}{2} \div \frac{7}{8} = \frac{1}{2} \times \frac{8}{7} = \frac{\cancel{1} \times \cancel{8}^4}{\cancel{2}_1 \times 7} = \frac{4}{7}$$

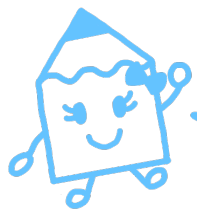
$$\textcircled{4} \quad \frac{3}{7} \div \frac{9}{10} = \frac{3}{7} \times \frac{10}{9} = \frac{\cancel{3} \times 10}{7 \times \cancel{9}_3} = \frac{10}{21}$$

$$\textcircled{5} \quad \frac{8}{15} \div \frac{4}{5} = \frac{8}{15} \times \frac{5}{4} = \frac{\cancel{8}^2 \times \cancel{5}^1}{\cancel{15}_3 \times \cancel{4}_1} = \frac{2}{3}$$

$$\textcircled{6} \quad \frac{1}{4} \div \frac{5}{8} = \frac{1}{4} \times \frac{8}{5} = \frac{\cancel{1} \times \cancel{8}^2}{\cancel{4}_1 \times 5} = \frac{2}{5}$$

$$\textcircled{7} \quad \frac{9}{14} \div \frac{2}{7} = \frac{9}{14} \times \frac{7}{2} = \frac{\cancel{9} \times \cancel{7}^1}{\cancel{14}_2 \times 2} = \frac{9}{4} \left(2 \frac{1}{4}\right)$$





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$$\textcircled{1} \quad \frac{3}{8} \div \frac{5}{12} = \frac{3}{8} \times \frac{12}{5} = \frac{\cancel{3} \times \cancel{12}^3}{\cancel{8}_2 \times 5} = \frac{9}{10}$$

$$\textcircled{2} \quad \frac{5}{8} \div \frac{3}{4} = \frac{5}{8} \times \frac{4}{3} = \frac{\cancel{5} \times \cancel{4}^1}{\cancel{8}_2 \times 3} = \frac{5}{6}$$

$$\textcircled{3} \quad \frac{5}{12} \div \frac{1}{3} = \frac{5}{12} \times \frac{3}{1} = \frac{\cancel{5} \times \cancel{3}^1}{\cancel{12}_4 \times 1} = \frac{5}{4} \left(1 \frac{1}{4}\right)$$

$$\textcircled{4} \quad \frac{4}{7} \div \frac{8}{13} = \frac{4}{7} \times \frac{13}{8} = \frac{\cancel{4} \times 13}{7 \times \cancel{8}_2} = \frac{13}{14}$$

$$\textcircled{5} \quad \frac{4}{15} \div \frac{1}{6} = \frac{4}{15} \times \frac{6}{1} = \frac{\cancel{4} \times \cancel{6}^2}{\cancel{15}_5 \times 1} = \frac{8}{5} \left(1 \frac{3}{5}\right)$$

$$\textcircled{6} \quad \frac{7}{8} \div \frac{1}{4} = \frac{7}{8} \times \frac{4}{1} = \frac{\cancel{7} \times \cancel{4}^1}{\cancel{8}_2 \times 1} = \frac{7}{2} \left(3 \frac{1}{2}\right)$$

$$\textcircled{7} \quad \frac{8}{25} \div \frac{4}{5} = \frac{8}{25} \times \frac{5}{4} = \frac{\cancel{8} \times \cancel{5}^2}{\cancel{25}_5 \times \cancel{4}_1} = \frac{2}{5}$$





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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。)

$$\textcircled{1} \quad \frac{5}{4} \div \frac{3}{2} = \frac{5}{4} \times \frac{2}{3} = \frac{5 \times \cancel{2}^1}{\cancel{4}_2 \times 3} = \frac{5}{6}$$

$$\textcircled{2} \quad \frac{2}{9} \div \frac{4}{9} = \frac{2}{9} \times \frac{9}{4} = \frac{\cancel{2}^1 \times \cancel{9}^1}{\cancel{9}_1 \times \cancel{4}_2} = \frac{1}{2}$$

$$\textcircled{3} \quad \frac{7}{10} \div \frac{7}{8} = \frac{7}{10} \times \frac{8}{7} = \frac{\cancel{7}^1 \times \cancel{8}^4}{\cancel{10}_5 \times \cancel{7}_1} = \frac{4}{5}$$

$$\textcircled{4} \quad \frac{5}{12} \div \frac{5}{6} = \frac{5}{12} \times \frac{6}{5} = \frac{\cancel{5}^1 \times \cancel{6}^1}{\cancel{12}_2 \times \cancel{5}_1} = \frac{1}{2}$$

$$\textcircled{5} \quad \frac{12}{25} \div \frac{2}{15} = \frac{12}{25} \times \frac{15}{2} = \frac{\cancel{12}^6 \times \cancel{15}^3}{\cancel{25}_5 \times \cancel{2}_1} = \frac{18}{5} \left(3 \frac{3}{5} \right)$$

$$\textcircled{6} \quad \frac{5}{6} \div \frac{11}{12} = \frac{5}{6} \times \frac{12}{11} = \frac{5 \times \cancel{12}^2}{\cancel{6}_1 \times 11} = \frac{10}{11}$$

$$\textcircled{7} \quad \frac{3}{4} \div \frac{9}{10} = \frac{3}{4} \times \frac{10}{9} = \frac{\cancel{3}^1 \times \cancel{10}^5}{\cancel{4}_2 \times \cancel{9}_3} = \frac{5}{6}$$



分数のわり算5

● 分数を分数でわる
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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。)

$$\textcircled{1} \quad \frac{4}{5} \div \frac{9}{10} = \frac{4}{5} \times \frac{10}{9} = \frac{4 \times \cancel{10}^2}{\cancel{5}_1 \times 9} = \frac{8}{9}$$

$$\textcircled{2} \quad \frac{4}{9} \div \frac{2}{3} = \frac{4}{9} \times \frac{3}{2} = \frac{\cancel{4}^2 \times \cancel{3}^1}{\cancel{9}_3 \times \cancel{2}_1} = \frac{2}{3}$$

$$\textcircled{3} \quad \frac{5}{8} \div \frac{3}{4} = \frac{5}{8} \times \frac{4}{3} = \frac{5 \times \cancel{4}^1}{\cancel{8}_2 \times 3} = \frac{5}{6}$$

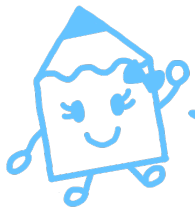
$$\textcircled{4} \quad \frac{3}{5} \div \frac{9}{14} = \frac{3}{5} \times \frac{14}{9} = \frac{\cancel{3}^1 \times 14}{5 \times \cancel{9}_3} = \frac{14}{15}$$

$$\textcircled{5} \quad \frac{4}{21} \div \frac{2}{3} = \frac{4}{21} \times \frac{3}{2} = \frac{\cancel{4}^2 \times \cancel{3}^1}{\cancel{21}_7 \times \cancel{2}_1} = \frac{2}{7}$$

$$\textcircled{6} \quad \frac{5}{6} \div \frac{7}{9} = \frac{5}{6} \times \frac{9}{7} = \frac{5 \times \cancel{9}^3}{\cancel{6}_2 \times 7} = \frac{15}{14} \left(1 \frac{1}{14} \right)$$

$$\textcircled{7} \quad \frac{15}{49} \div \frac{5}{7} = \frac{15}{49} \times \frac{7}{5} = \frac{\cancel{15}^3 \times \cancel{7}^1}{\cancel{49}_7 \times \cancel{5}_1} = \frac{3}{7}$$





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● 分数を分数でわる
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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。)

$$\textcircled{1} \quad \frac{3}{7} \div \frac{9}{14} = \frac{3}{7} \times \frac{14}{9} = \frac{\cancel{3}^1 \times \cancel{14}^2}{\cancel{7}_1 \times \cancel{9}_3} = \frac{2}{3}$$

$$\textcircled{2} \quad \frac{5}{9} \div \frac{2}{3} = \frac{5}{9} \times \frac{3}{2} = \frac{\cancel{5}^1 \times \cancel{3}_3}{\cancel{9}_3 \times 2} = \frac{5}{6}$$

$$\textcircled{3} \quad \frac{3}{4} \div \frac{1}{2} = \frac{3}{4} \times \frac{2}{1} = \frac{\cancel{3}^1 \times \cancel{2}_2}{\cancel{4}_2 \times 1} = \frac{3}{2} \left(1 \frac{1}{2}\right)$$

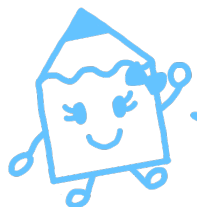
$$\textcircled{4} \quad \frac{3}{8} \div \frac{7}{48} = \frac{3}{8} \times \frac{48}{7} = \frac{\cancel{3}^1 \times \cancel{48}^6}{\cancel{8}_1 \times 7} = \frac{18}{7} \left(2 \frac{4}{7}\right)$$

$$\textcircled{5} \quad \frac{25}{36} \div \frac{5}{6} = \frac{25}{36} \times \frac{6}{5} = \frac{\cancel{25}^5 \times \cancel{6}_1}{\cancel{36}_6 \times \cancel{5}_1} = \frac{5}{6}$$

$$\textcircled{6} \quad \frac{5}{8} \div \frac{7}{16} = \frac{5}{8} \times \frac{16}{7} = \frac{\cancel{5}^1 \times \cancel{16}^2}{\cancel{8}_1 \times 7} = \frac{10}{7} \left(1 \frac{3}{7}\right)$$

$$\textcircled{7} \quad \frac{15}{49} \div \frac{5}{7} = \frac{15}{49} \times \frac{7}{5} = \frac{\cancel{15}^3 \times \cancel{7}_1}{\cancel{49}_7 \times \cancel{5}_1} = \frac{3}{7}$$





分数のわり算5

● 分数を分数でわる
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・ 次の計算をしましょう。

$$\textcircled{1} \quad \frac{3}{8} \div \frac{9}{16} = \frac{3}{8} \times \frac{16}{9} = \frac{\overset{1}{\cancel{3}} \times \overset{2}{\cancel{16}}}{\underset{1}{\cancel{8}} \times \underset{3}{\cancel{9}}} = \frac{2}{3}$$

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

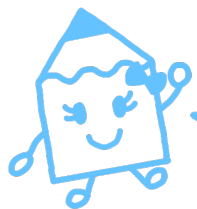
$$\textcircled{3} \quad \frac{3}{8} \div \frac{5}{4} = \frac{3}{8} \times \frac{4}{5} = \frac{\overset{1}{\cancel{3}} \times \overset{1}{\cancel{4}}}{\underset{2}{\cancel{8}} \times 5} = \frac{3}{10}$$

$$\textcircled{4} \quad \frac{3}{7} \div \frac{5}{49} = \frac{3}{7} \times \frac{49}{5} = \frac{\overset{7}{\cancel{3}} \times \overset{7}{\cancel{49}}}{\underset{1}{\cancel{7}} \times 5} = \frac{21}{5} \left(4 \frac{1}{5}\right)$$

$$\textcircled{5} \quad \frac{8}{45} \div \frac{4}{5} = \frac{8}{45} \times \frac{5}{4} = \frac{\overset{2}{\cancel{8}} \times \overset{1}{\cancel{5}}}{\underset{9}{\cancel{45}} \times \underset{1}{\cancel{4}}} = \frac{2}{9}$$

$$\textcircled{6} \quad \frac{5}{9} \div \frac{10}{27} = \frac{5}{9} \times \frac{27}{10} = \frac{\overset{1}{\cancel{5}} \times \overset{3}{\cancel{27}}}{\underset{1}{\cancel{9}} \times \underset{2}{\cancel{10}}} = \frac{3}{2} \left(1 \frac{1}{2}\right)$$

$$\textcircled{7} \quad \frac{15}{49} \div \frac{5}{7} = \frac{15}{49} \times \frac{7}{5} = \frac{\overset{3}{\cancel{15}} \times \overset{1}{\cancel{7}}}{\underset{7}{\cancel{49}} \times \underset{1}{\cancel{5}}} = \frac{3}{7}$$



分数のわり算5

● 分数を分数でわる
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・ 次の計算をしましょう。

$$\textcircled{1} \quad \frac{5}{6} \div \frac{25}{42} = \frac{5}{6} \times \frac{42}{25} = \frac{\overset{1}{\cancel{5}} \times \overset{7}{\cancel{42}}}{\underset{1}{\cancel{6}} \times \underset{5}{\cancel{25}}} = \frac{7}{5} \left(1\frac{2}{5}\right)$$

$$\textcircled{2} \quad \frac{1}{4} \div \frac{3}{8} = \frac{1}{4} \times \frac{8}{3} = \frac{\overset{1}{\cancel{1}} \times \overset{2}{\cancel{8}}}{\underset{1}{\cancel{4}} \times 3} = \frac{2}{3}$$

$$\textcircled{3} \quad \frac{1}{6} \div \frac{2}{3} = \frac{1}{6} \times \frac{3}{2} = \frac{\overset{1}{\cancel{1}} \times \overset{1}{\cancel{3}}}{\underset{2}{\cancel{6}} \times 2} = \frac{1}{4}$$

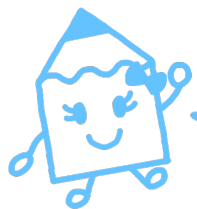
$$\textcircled{4} \quad \frac{4}{5} \div \frac{16}{45} = \frac{4}{5} \times \frac{45}{16} = \frac{\overset{1}{\cancel{4}} \times \overset{9}{\cancel{45}}}{\underset{1}{\cancel{5}} \times \underset{4}{\cancel{16}}} = \frac{9}{4} \left(2\frac{1}{4}\right)$$

$$\textcircled{5} \quad \frac{21}{32} \div \frac{3}{4} = \frac{21}{32} \times \frac{4}{3} = \frac{\overset{7}{\cancel{21}} \times \overset{1}{\cancel{4}}}{\underset{8}{\cancel{32}} \times \underset{1}{\cancel{3}}} = \frac{7}{8}$$

$$\textcircled{6} \quad \frac{3}{8} \div \frac{9}{16} = \frac{3}{8} \times \frac{16}{9} = \frac{\overset{1}{\cancel{3}} \times \overset{2}{\cancel{16}}}{\underset{1}{\cancel{8}} \times \underset{3}{\cancel{9}}} = \frac{2}{3}$$

$$\textcircled{7} \quad \frac{21}{32} \div \frac{3}{4} = \frac{21}{32} \times \frac{4}{3} = \frac{\overset{7}{\cancel{21}} \times \overset{1}{\cancel{4}}}{\underset{8}{\cancel{32}} \times \underset{1}{\cancel{3}}} = \frac{7}{8}$$





分数のわり算5

● 分数を分数でわる
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・ 次の計算をしましょう。

$$\textcircled{1} \quad \frac{2}{5} \div \frac{4}{7} = \frac{2}{5} \times \frac{7}{4} = \frac{\cancel{2}^1 \times 7}{5 \times \cancel{4}_2} = \frac{7}{10}$$

$$\textcircled{2} \quad \frac{4}{9} \div \frac{3}{2} = \frac{4}{9} \times \frac{2}{3} = \frac{4 \times 2}{9 \times 3} = \frac{8}{27}$$

$$\textcircled{3} \quad \frac{7}{10} \div \frac{7}{8} = \frac{7}{10} \times \frac{8}{7} = \frac{\cancel{7}^1 \times \cancel{8}_4}{\cancel{10}_5 \times \cancel{7}_1} = \frac{4}{5}$$

$$\textcircled{4} \quad \frac{3}{10} \div \frac{5}{9} = \frac{3}{10} \times \frac{9}{5} = \frac{3 \times 9}{10 \times 5} = \frac{27}{50}$$

$$\textcircled{5} \quad \frac{5}{6} \div \frac{5}{14} = \frac{5}{6} \times \frac{14}{5} = \frac{\cancel{5}^1 \times \cancel{14}_7}{\cancel{6}_3 \times \cancel{5}_1} = \frac{7}{3} \left(2\frac{1}{3}\right)$$

$$\textcircled{6} \quad \frac{3}{8} \div \frac{6}{7} = \frac{3}{8} \times \frac{7}{6} = \frac{\cancel{3}^1 \times 7}{8 \times \cancel{6}_2} = \frac{7}{16}$$

$$\textcircled{7} \quad \frac{1}{3} \div \frac{2}{7} = \frac{1}{3} \times \frac{7}{2} = \frac{1 \times 7}{3 \times 2} = \frac{7}{6} \left(1\frac{1}{6}\right)$$



分数のわり算5

● 分数を分数でわる
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・ 次の計算をしましょう。

$$\textcircled{1} \quad \frac{3}{7} \div \frac{15}{28} = \frac{3}{7} \times \frac{28}{15} = \frac{\overset{1}{\cancel{3}} \times \overset{4}{\cancel{28}}}{\underset{1}{\cancel{7}} \times \underset{5}{\cancel{15}}} = \frac{4}{5}$$

$$\textcircled{2} \quad \frac{7}{8} \div \frac{3}{7} = \frac{7}{8} \times \frac{7}{3} = \frac{7 \times 7}{8 \times 3} = \frac{49}{24} \left(2 \frac{1}{24} \right)$$

$$\textcircled{3} \quad \frac{1}{9} \div \frac{2}{3} = \frac{1}{9} \times \frac{3}{2} = \frac{\overset{1}{\cancel{1}} \times \overset{1}{\cancel{3}}}{\underset{3}{\cancel{9}} \times 2} = \frac{1}{6}$$

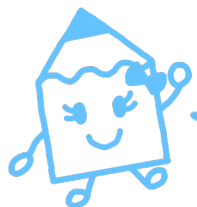
$$\textcircled{4} \quad \frac{3}{17} \div \frac{2}{5} = \frac{3}{17} \times \frac{5}{2} = \frac{3 \times 5}{17 \times 2} = \frac{15}{34}$$

$$\textcircled{5} \quad \frac{27}{32} \div \frac{3}{4} = \frac{27}{32} \times \frac{4}{3} = \frac{\overset{9}{\cancel{27}} \times \overset{1}{\cancel{4}}}{\underset{8}{\cancel{32}} \times \underset{1}{\cancel{3}}} = \frac{9}{8} \left(1 \frac{1}{8} \right)$$

$$\textcircled{6} \quad \frac{7}{9} \div \frac{1}{2} = \frac{7}{9} \times \frac{2}{1} = \frac{7 \times 2}{9 \times 1} = \frac{14}{9} \left(1 \frac{5}{9} \right)$$

$$\textcircled{7} \quad \frac{12}{25} \div \frac{8}{15} = \frac{12}{25} \times \frac{15}{8} = \frac{\overset{3}{\cancel{12}} \times \overset{3}{\cancel{15}}}{\underset{5}{\cancel{25}} \times \underset{2}{\cancel{8}}} = \frac{9}{10}$$





分数のわり算5

● 分数を分数でわる
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・ 次の計算をしましょう。

$$\textcircled{1} \quad \frac{3}{8} \div \frac{15}{28} = \frac{3}{8} \times \frac{28}{15} = \frac{\overset{1}{\cancel{3}} \times \overset{7}{\cancel{28}}}{\underset{2}{\cancel{8}} \times \underset{5}{\cancel{15}}} = \frac{7}{10}$$

$$\textcircled{2} \quad \frac{1}{3} \div \frac{3}{4} = \frac{1}{3} \times \frac{4}{3} = \frac{1 \times 4}{3 \times 3} = \frac{4}{9}$$

$$\textcircled{3} \quad \frac{1}{8} \div \frac{3}{4} = \frac{1}{8} \times \frac{4}{3} = \frac{1 \times \overset{1}{\cancel{4}}}{\underset{2}{\cancel{8}} \times 3} = \frac{1}{6}$$

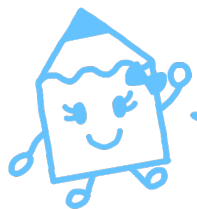
$$\textcircled{4} \quad \frac{5}{19} \div \frac{3}{2} = \frac{5}{19} \times \frac{2}{3} = \frac{5 \times 2}{19 \times 3} = \frac{10}{57}$$

$$\textcircled{5} \quad \frac{7}{11} \div \frac{3}{5} = \frac{7}{11} \times \frac{5}{3} = \frac{7 \times 5}{11 \times 3} = \frac{35}{33} \left(1 \frac{2}{33} \right)$$

$$\textcircled{6} \quad \frac{10}{27} \div \frac{2}{3} = \frac{10}{27} \times \frac{3}{2} = \frac{\overset{5}{\cancel{10}} \times \overset{1}{\cancel{3}}}{\underset{9}{\cancel{27}} \times \underset{1}{\cancel{2}}} = \frac{5}{9}$$

$$\textcircled{7} \quad \frac{9}{14} \div \frac{3}{8} = \frac{9}{14} \times \frac{8}{3} = \frac{\overset{3}{\cancel{9}} \times \overset{4}{\cancel{8}}}{\underset{7}{\cancel{14}} \times \underset{1}{\cancel{3}}} = \frac{12}{7} \left(1 \frac{5}{7} \right)$$





分数のわり算5

● 分数を分数でわる
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・ 次の計算をしましょう。

$$\textcircled{1} \quad \frac{5}{7} \div \frac{2}{3} = \frac{5}{7} \times \frac{3}{2} = \frac{5 \times 3}{7 \times 2} = \frac{15}{14} \left(1 \frac{1}{14} \right)$$

$$\textcircled{2} \quad \frac{5}{6} \div \frac{25}{48} = \frac{5}{6} \times \frac{48}{25} = \frac{\overset{1}{\cancel{5}} \times \overset{8}{\cancel{48}}}{\underset{1}{\cancel{6}} \times \underset{5}{\cancel{25}}} = \frac{8}{5} \left(1 \frac{3}{5} \right)$$

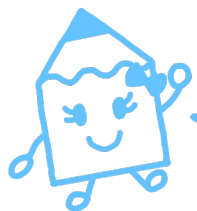
$$\textcircled{3} \quad \frac{5}{6} \div \frac{2}{3} = \frac{5}{6} \times \frac{3}{2} = \frac{5 \times \overset{1}{\cancel{3}}}{\underset{2}{\cancel{6}} \times 2} = \frac{5}{4} \left(1 \frac{1}{4} \right)$$

$$\textcircled{4} \quad \frac{11}{34} \div \frac{1}{3} = \frac{11}{34} \times \frac{3}{1} = \frac{11 \times 3}{34 \times 1} = \frac{33}{34}$$

$$\textcircled{5} \quad \frac{32}{35} \div \frac{4}{7} = \frac{32}{35} \times \frac{7}{4} = \frac{\overset{8}{\cancel{32}} \times \overset{1}{\cancel{7}}}{\underset{5}{\cancel{35}} \times \underset{1}{\cancel{4}}} = \frac{8}{5} \left(1 \frac{3}{5} \right)$$

$$\textcircled{6} \quad \frac{7}{11} \div \frac{3}{5} = \frac{7}{11} \times \frac{5}{3} = \frac{7 \times 5}{11 \times 3} = \frac{35}{33} \left(1 \frac{2}{33} \right)$$

$$\textcircled{7} \quad \frac{3}{14} \div \frac{9}{16} = \frac{3}{14} \times \frac{16}{9} = \frac{\overset{1}{\cancel{3}} \times \overset{8}{\cancel{16}}}{\underset{7}{\cancel{14}} \times \underset{3}{\cancel{9}}} = \frac{8}{21}$$



分数のわり算5

● 分数を分数でわる
(約分あり)



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・ 次の計算をしましょう。

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

$$\textcircled{2} \quad \frac{5}{7} \div \frac{2}{3} = \frac{5}{7} \times \frac{3}{2} = \frac{5 \times 3}{7 \times 2} = \frac{15}{14} \left(1 \frac{1}{14}\right)$$

$$\textcircled{3} \quad \frac{5}{8} \div \frac{3}{10} = \frac{5}{8} \times \frac{10}{3} = \frac{5 \times \overset{5}{\cancel{10}}}{\underset{4}{\cancel{8}} \times 3} = \frac{25}{12} \left(2 \frac{1}{12}\right)$$

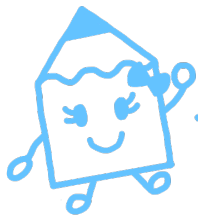
$$\textcircled{4} \quad \frac{17}{27} \div \frac{5}{8} = \frac{17}{27} \times \frac{8}{5} = \frac{17 \times 8}{27 \times 5} = \frac{136}{135} \left(1 \frac{1}{135}\right)$$

$$\textcircled{5} \quad \frac{13}{42} \div \frac{7}{18} = \frac{13}{42} \times \frac{18}{7} = \frac{13 \times \overset{3}{\cancel{18}}}{\underset{7}{\cancel{42}} \times 7} = \frac{39}{49}$$

$$\textcircled{6} \quad \frac{15}{16} \div \frac{3}{20} = \frac{15}{16} \times \frac{20}{3} = \frac{\overset{5}{\cancel{15}} \times \overset{5}{\cancel{20}}}{\underset{4}{\cancel{16}} \times \underset{1}{\cancel{3}}} = \frac{25}{4} \left(6 \frac{1}{4}\right)$$

$$\textcircled{7} \quad \frac{7}{13} \div \frac{6}{7} = \frac{7}{13} \times \frac{7}{6} = \frac{7 \times 7}{13 \times 6} = \frac{49}{78}$$



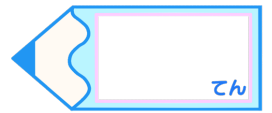


分数のわり算5

● 分数を分数でわる
(約分あり)

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目指せ80点!



名まえ

・次の計算をしましょう。(各20点)

$$\textcircled{1} \quad \frac{1}{6} \div \frac{3}{8} = \frac{1}{6} \times \frac{8}{3} = \frac{1 \times \overset{4}{\cancel{8}}}{\underset{3}{\cancel{6}} \times 3} = \frac{4}{9}$$

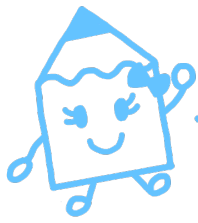
$$\textcircled{2} \quad \frac{2}{3} \div \frac{3}{4} = \frac{2}{3} \times \frac{4}{3} = \frac{2 \times 4}{3 \times 3} = \frac{8}{9}$$

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

$$\textcircled{4} \quad \frac{15}{16} \div \frac{5}{8} = \frac{15}{16} \times \frac{8}{5} = \frac{\overset{3}{\cancel{15}} \times \overset{1}{\cancel{8}}}{\underset{2}{\cancel{16}} \times \underset{1}{\cancel{5}}} = \frac{3}{2} \left(1 \frac{1}{2}\right)$$

$$\textcircled{5} \quad \frac{5}{6} \div \frac{3}{7} = \frac{5}{6} \times \frac{7}{3} = \frac{5 \times 7}{6 \times 3} = \frac{35}{18} \left(1 \frac{17}{18}\right)$$



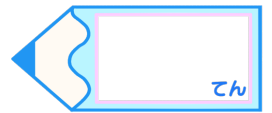


分数のわり算5

● 分数を分数でわる
(約分あり)



目指せ80点!



名まえ

・ 次の計算をしましょう。(各20点)

$$\textcircled{1} \quad \frac{5}{8} \div \frac{15}{32} = \frac{5}{8} \times \frac{32}{15} = \frac{\overset{1}{\cancel{5}} \times \overset{4}{\cancel{32}}}{\underset{1}{\cancel{8}} \times \underset{3}{\cancel{15}}} = \frac{4}{3} \left(1 \frac{1}{3}\right)$$

$$\textcircled{2} \quad \frac{7}{9} \div \frac{3}{4} = \frac{7}{9} \times \frac{4}{3} = \frac{7 \times 4}{9 \times 3} = \frac{28}{27} \left(1 \frac{1}{27}\right)$$

$$\textcircled{3} \quad \frac{5}{16} \div \frac{1}{12} = \frac{5}{16} \times \frac{12}{1} = \frac{\underset{4}{\cancel{5}} \times \overset{3}{\cancel{12}}}{\underset{4}{\cancel{16}} \times 1} = \frac{15}{4} \left(3 \frac{3}{4}\right)$$

$$\textcircled{4} \quad \frac{17}{27} \div \frac{7}{8} = \frac{17}{27} \times \frac{8}{7} = \frac{17 \times 8}{27 \times 7} = \frac{136}{189}$$

$$\textcircled{5} \quad \frac{7}{12} \div \frac{14}{15} = \frac{7}{12} \times \frac{15}{14} = \frac{\overset{1}{\cancel{7}} \times \overset{5}{\cancel{15}}}{\underset{4}{\cancel{12}} \times \underset{2}{\cancel{14}}} = \frac{5}{8}$$