

分数のかけ算 6

● 分数同士の積（約分2回）



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。）

$$\textcircled{1} \quad \frac{2}{3} \times \frac{9}{4} = \frac{\cancel{2}^1 \times \cancel{9}^3}{\cancel{3}_1 \times \cancel{4}_2} = \frac{1 \times 3}{1 \times 2} = \frac{3}{2} \left(1 \frac{1}{2} \right)$$

$$\textcircled{2} \quad \frac{5}{12} \times \frac{9}{10} = \frac{\cancel{5}^1 \times \cancel{9}^3}{\cancel{12}_4 \times \cancel{10}_2} = \frac{1 \times 3}{4 \times 2} =$$

$$\textcircled{3} \quad \frac{5}{6} \times \frac{2}{5} = \frac{\cancel{5}^1 \times \cancel{2}^1}{\cancel{6}_3 \times \cancel{5}_1} =$$

$$\textcircled{4} \quad \frac{7}{10} \times \frac{5}{7} =$$

$$\textcircled{5} \quad \frac{2}{9} \times \frac{3}{4} =$$

$$\textcircled{6} \quad \frac{8}{9} \times \frac{3}{4} =$$

$$\textcircled{7} \quad \frac{2}{3} \times \frac{9}{10} =$$





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$$\textcircled{1} \quad \frac{3}{4} \times \frac{8}{9} = \frac{\cancel{3}^1 \times \cancel{8}_2}{\cancel{4}_1 \times \cancel{9}_3} = \frac{1 \times 2}{1 \times 3} = \frac{2}{3}$$

$$\textcircled{2} \quad \frac{5}{12} \times \frac{8}{15} = \frac{\cancel{5}^1 \times \cancel{8}_2}{\cancel{12}_3 \times \cancel{15}_3} = \frac{1 \times 2}{3 \times 3} =$$

$$\textcircled{3} \quad \frac{7}{8} \times \frac{2}{7} = \frac{\cancel{7}^1 \times \cancel{2}_1}{\cancel{8}_4 \times \cancel{7}_1} =$$

$$\textcircled{4} \quad \frac{8}{25} \times \frac{15}{4} =$$

$$\textcircled{5} \quad \frac{4}{9} \times \frac{3}{2} =$$

$$\textcircled{6} \quad \frac{4}{7} \times \frac{21}{8} =$$

$$\textcircled{7} \quad \frac{2}{9} \times \frac{3}{10} =$$





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$$\textcircled{1} \quad \frac{3}{10} \times \frac{5}{6} = \frac{\cancel{3}^1 \times \cancel{5}_1}{\cancel{10}_2 \times \cancel{6}_2} = \frac{1 \times 1}{2 \times 2} = \frac{1}{4}$$

$$\textcircled{2} \quad \frac{21}{8} \times \frac{12}{7} = \frac{\cancel{21}^3 \times \cancel{12}_3}{\cancel{8}_2 \times \cancel{7}_1} = \frac{3 \times 3}{2 \times 1} =$$

$$\textcircled{3} \quad \frac{3}{4} \times \frac{2}{3} = \frac{\cancel{3}^1 \times \cancel{2}_1}{\cancel{4}_2 \times \cancel{3}_1} =$$

$$\textcircled{4} \quad \frac{3}{8} \times \frac{16}{9} =$$

$$\textcircled{5} \quad \frac{5}{2} \times \frac{4}{15} =$$

$$\textcircled{6} \quad \frac{12}{7} \times \frac{35}{8} =$$

$$\textcircled{7} \quad \frac{5}{12} \times \frac{3}{10} =$$





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$$\textcircled{1} \quad \frac{10}{27} \times \frac{9}{5} = \frac{\cancel{10}^2 \times \cancel{9}^1}{\cancel{27}_3 \times \cancel{5}_1} = \frac{2 \times 1}{3 \times 1} = \frac{2}{3}$$

$$\textcircled{2} \quad \frac{5}{14} \times \frac{12}{5} = \frac{\cancel{5}^1 \times \cancel{12}^6}{\cancel{14}_7 \times \cancel{5}_1} = \frac{1 \times 6}{7 \times 1} =$$

$$\textcircled{3} \quad \frac{3}{8} \times \frac{2}{9} = \frac{\cancel{3}^1 \times \cancel{2}^1}{\cancel{8}_4 \times \cancel{9}_3} =$$

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

$$\textcircled{5} \quad \frac{3}{2} \times \frac{10}{9} =$$

$$\textcircled{6} \quad \frac{15}{28} \times \frac{7}{3} =$$

$$\textcircled{7} \quad \frac{25}{12} \times \frac{3}{10} =$$





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$$\textcircled{1} \quad \frac{5}{8} \times \frac{2}{5} = \frac{\cancel{5}^1 \times \cancel{2}_1}{\cancel{8}_4 \times \cancel{5}_1} = \frac{1 \times 1}{4 \times 1} = \frac{1}{4}$$

$$\textcircled{2} \quad \frac{9}{14} \times \frac{7}{6} = \frac{\cancel{9}^3 \times \cancel{7}_1}{\cancel{14}_2 \times \cancel{6}_2} =$$

$$\textcircled{3} \quad \frac{6}{5} \times \frac{15}{8} =$$

$$\textcircled{4} \quad \frac{3}{10} \times \frac{2}{3} =$$

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

$$\textcircled{6} \quad \frac{5}{6} \times \frac{8}{25} =$$

$$\textcircled{7} \quad \frac{2}{5} \times \frac{5}{16} =$$





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

$$\textcircled{2} \quad \frac{15}{14} \times \frac{7}{6} = \frac{\cancel{15}^5 \times \cancel{7}_1}{\cancel{14}_2 \times \cancel{6}_2} =$$

$$\textcircled{3} \quad \frac{4}{25} \times \frac{5}{8} =$$

$$\textcircled{4} \quad \frac{9}{14} \times \frac{2}{9} =$$

$$\textcircled{5} \quad \frac{9}{8} \times \frac{4}{15} =$$

$$\textcircled{6} \quad \frac{21}{5} \times \frac{5}{28} =$$

$$\textcircled{7} \quad \frac{12}{25} \times \frac{20}{3} =$$





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

$$\textcircled{2} \quad \frac{12}{7} \times \frac{14}{15} =$$

$$\textcircled{3} \quad \frac{2}{25} \times \frac{5}{6} =$$

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

$$\textcircled{5} \quad \frac{7}{6} \times \frac{9}{14} =$$

$$\textcircled{6} \quad \frac{16}{3} \times \frac{21}{20} =$$

$$\textcircled{7} \quad \frac{18}{7} \times \frac{7}{30} =$$





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$$\textcircled{1} \quad \frac{3}{20} \times \frac{5}{3} =$$

$$\textcircled{2} \quad \frac{15}{7} \times \frac{35}{18} =$$

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

$$\textcircled{4} \quad \frac{9}{20} \times \frac{4}{27} =$$

$$\textcircled{5} \quad \frac{7}{8} \times \frac{12}{7} =$$

$$\textcircled{6} \quad \frac{14}{3} \times \frac{15}{16} =$$

$$\textcircled{7} \quad \frac{21}{5} \times \frac{5}{28} =$$





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

$$\textcircled{2} \quad \frac{24}{7} \times \frac{35}{18} =$$

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

$$\textcircled{4} \quad \frac{9}{20} \times \frac{25}{27} =$$

$$\textcircled{5} \quad \frac{49}{8} \times \frac{4}{7} =$$

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

$$\textcircled{7} \quad \frac{40}{3} \times \frac{6}{35} =$$





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$$\textcircled{1} \quad \frac{3}{5} \times \frac{2}{9} =$$

$$\textcircled{2} \quad \frac{5}{16} \times \frac{2}{5} =$$

$$\textcircled{3} \quad \frac{6}{5} \times \frac{10}{9} =$$

$$\textcircled{4} \quad \frac{7}{10} \times \frac{5}{14} =$$

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

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

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





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$$\textcircled{1} \quad \frac{6}{5} \times \frac{3}{2} =$$

$$\textcircled{2} \quad \frac{7}{18} \times \frac{2}{7} =$$

$$\textcircled{3} \quad \frac{7}{5} \times \frac{15}{14} =$$

$$\textcircled{4} \quad \frac{8}{11} \times \frac{1}{6} =$$

$$\textcircled{5} \quad \frac{8}{21} \times \frac{7}{12} =$$

$$\textcircled{6} \quad \frac{15}{14} \times \frac{2}{5} =$$

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





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$$\textcircled{1} \quad \frac{5}{9} \times \frac{3}{2} =$$

$$\textcircled{2} \quad \frac{5}{18} \times \frac{9}{5} =$$

$$\textcircled{3} \quad \frac{14}{5} \times \frac{10}{21} =$$

$$\textcircled{4} \quad \frac{7}{10} \times \frac{1}{14} =$$

$$\textcircled{5} \quad \frac{4}{7} \times \frac{7}{12} =$$

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

$$\textcircled{7} \quad \frac{2}{3} \times \frac{9}{8} =$$





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$$\textcircled{1} \quad \frac{5}{6} \times \frac{3}{5} =$$

$$\textcircled{2} \quad \frac{8}{7} \times \frac{9}{4} =$$

$$\textcircled{3} \quad \frac{21}{10} \times \frac{15}{14} =$$

$$\textcircled{4} \quad \frac{3}{10} \times \frac{1}{9} =$$

$$\textcircled{5} \quad \frac{12}{7} \times \frac{7}{8} =$$

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

$$\textcircled{7} \quad \frac{6}{5} \times \frac{15}{8} =$$





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

$$\textcircled{2} \quad \frac{8}{5} \times \frac{5}{6} =$$

$$\textcircled{3} \quad \frac{12}{7} \times \frac{14}{15} =$$

$$\textcircled{4} \quad \frac{3}{8} \times \frac{1}{9} =$$

$$\textcircled{5} \quad \frac{16}{11} \times \frac{7}{8} =$$

$$\textcircled{6} \quad \frac{3}{5} \times \frac{9}{7} =$$

$$\textcircled{7} \quad \frac{6}{5} \times \frac{20}{9} =$$



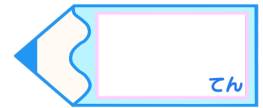


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目指せ80点!



名まえ

・ 次の計算をしましょう。(各20点)

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

$$\textcircled{2} \quad \frac{2}{15} \times \frac{5}{8} =$$

$$\textcircled{3} \quad \frac{5}{6} \times \frac{12}{35} =$$

$$\textcircled{4} \quad \frac{3}{8} \times \frac{7}{12} =$$

$$\textcircled{5} \quad \frac{4}{5} \times \frac{5}{12} =$$



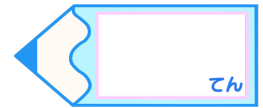


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目指せ80点!



名まえ

・ 次の計算をしましょう。(各20点)

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

$$\textcircled{2} \quad \frac{12}{5} \times \frac{15}{8} =$$

$$\textcircled{3} \quad \frac{14}{9} \times \frac{6}{7} =$$

$$\textcircled{4} \quad \frac{15}{8} \times \frac{7}{12} =$$

$$\textcircled{5} \quad \frac{2}{3} \times \frac{9}{8} =$$





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$$\textcircled{1} \quad \frac{2}{3} \times \frac{9}{4} = \frac{\cancel{2}^1 \times \cancel{9}^3}{\cancel{3}_1 \times \cancel{4}_2} = \frac{1 \times 3}{1 \times 2} = \frac{3}{2} \left(1 \frac{1}{2} \right)$$

$$\textcircled{2} \quad \frac{5}{12} \times \frac{9}{10} = \frac{\cancel{5}^1 \times \cancel{9}^3}{\cancel{12}_4 \times \cancel{10}_2} = \frac{1 \times 3}{4 \times 2} = \frac{3}{8}$$

$$\textcircled{3} \quad \frac{5}{6} \times \frac{2}{5} = \frac{\cancel{5}^1 \times \cancel{2}^1}{\cancel{6}_3 \times \cancel{5}_1} = \frac{1 \times 1}{3 \times 1} = \frac{1}{3}$$

$$\textcircled{4} \quad \frac{7}{10} \times \frac{5}{7} = \frac{\cancel{7}^1 \times \cancel{5}^1}{\cancel{10}_2 \times \cancel{7}_1} = \frac{1 \times 1}{2 \times 1} = \frac{1}{2}$$

$$\textcircled{5} \quad \frac{2}{9} \times \frac{3}{4} = \frac{\cancel{2}^1 \times \cancel{3}^1}{\cancel{9}_3 \times \cancel{4}_2} = \frac{1 \times 1}{3 \times 2} = \frac{1}{6}$$

$$\textcircled{6} \quad \frac{8}{9} \times \frac{3}{4} = \frac{\cancel{8}^2 \times \cancel{3}^1}{\cancel{9}_3 \times \cancel{4}_1} = \frac{2 \times 1}{3 \times 1} = \frac{2}{3}$$

$$\textcircled{7} \quad \frac{2}{3} \times \frac{9}{10} = \frac{\cancel{2}^1 \times \cancel{9}^3}{\cancel{3}_1 \times \cancel{10}_5} = \frac{1 \times 3}{1 \times 5} = \frac{3}{5}$$





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$$\textcircled{1} \quad \frac{3}{4} \times \frac{8}{9} = \frac{\cancel{3}^1 \times \cancel{8}^2}{\cancel{4}_1 \times \cancel{9}_3} = \frac{1 \times 2}{1 \times 3} = \frac{2}{3}$$

$$\textcircled{2} \quad \frac{5}{12} \times \frac{8}{15} = \frac{\cancel{5}^1 \times \cancel{8}^2}{\cancel{12}_3 \times \cancel{15}_3} = \frac{1 \times 2}{3 \times 3} = \frac{2}{9}$$

$$\textcircled{3} \quad \frac{7}{8} \times \frac{2}{7} = \frac{\cancel{7}^1 \times \cancel{2}^1}{\cancel{8}_4 \times \cancel{7}_1} = \frac{1 \times 1}{4 \times 1} = \frac{1}{4}$$

$$\textcircled{4} \quad \frac{8}{25} \times \frac{15}{4} = \frac{\cancel{8}^2 \times \cancel{15}^3}{\cancel{25}_5 \times \cancel{4}_1} = \frac{2 \times 3}{5 \times 1} = \frac{6}{5} \left(1 \frac{1}{5} \right)$$

$$\textcircled{5} \quad \frac{4}{9} \times \frac{3}{2} = \frac{\cancel{4}^2 \times \cancel{3}^1}{\cancel{9}_3 \times \cancel{2}_1} = \frac{2 \times 1}{3 \times 1} = \frac{2}{3}$$

$$\textcircled{6} \quad \frac{4}{7} \times \frac{21}{8} = \frac{\cancel{4}^1 \times \cancel{21}^3}{\cancel{7}_1 \times \cancel{8}_2} = \frac{1 \times 3}{1 \times 2} = \frac{3}{2} \left(1 \frac{1}{2} \right)$$

$$\textcircled{7} \quad \frac{2}{9} \times \frac{3}{10} = \frac{\cancel{2}^1 \times \cancel{3}^1}{\cancel{9}_3 \times \cancel{10}_5} = \frac{1 \times 1}{3 \times 5} = \frac{1}{15}$$





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$$\textcircled{1} \quad \frac{3}{10} \times \frac{5}{6} = \frac{\cancel{3}^1 \times \cancel{5}_1}{\cancel{10}_2 \times \cancel{6}_2} = \frac{1 \times 1}{2 \times 2} = \frac{1}{4}$$

$$\textcircled{2} \quad \frac{21}{8} \times \frac{12}{7} = \frac{\cancel{21}^3 \times \cancel{12}^3}{\cancel{8}_2 \times \cancel{7}_1} = \frac{3 \times 3}{2 \times 1} = \frac{9}{2} \left(4 \frac{1}{2} \right)$$

$$\textcircled{3} \quad \frac{3}{4} \times \frac{2}{3} = \frac{\cancel{3}^1 \times \cancel{2}_1}{\cancel{4}_2 \times \cancel{3}_1} = \frac{1 \times 1}{2 \times 1} = \frac{1}{2}$$

$$\textcircled{4} \quad \frac{3}{8} \times \frac{16}{9} = \frac{\cancel{3}^1 \times \cancel{16}^2}{\cancel{8}_1 \times \cancel{9}_3} = \frac{1 \times 2}{1 \times 3} = \frac{2}{3}$$

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

$$\textcircled{6} \quad \frac{12}{7} \times \frac{35}{8} = \frac{\cancel{12}^3 \times \cancel{35}^5}{\cancel{7}_1 \times \cancel{8}_2} = \frac{3 \times 5}{1 \times 2} = \frac{15}{2} \left(7 \frac{1}{2} \right)$$

$$\textcircled{7} \quad \frac{5}{12} \times \frac{3}{10} = \frac{\cancel{5}^1 \times \cancel{3}_1}{\cancel{12}_4 \times \cancel{10}_2} = \frac{1 \times 1}{4 \times 2} = \frac{1}{8}$$





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$$\textcircled{1} \quad \frac{10}{27} \times \frac{9}{5} = \frac{\overset{2}{\cancel{10}} \times \cancel{9}^1}{\underset{3}{\cancel{27}} \times \cancel{5}_1} = \frac{2 \times 1}{3 \times 1} = \frac{2}{3}$$

$$\textcircled{2} \quad \frac{5}{14} \times \frac{12}{5} = \frac{\cancel{5}^1 \times \cancel{12}^6}{\underset{7}{\cancel{14}} \times \cancel{5}_1} = \frac{1 \times 6}{7 \times 1} = \frac{6}{7}$$

$$\textcircled{3} \quad \frac{3}{8} \times \frac{2}{9} = \frac{\cancel{3}^1 \times \cancel{2}^1}{\underset{4}{\cancel{8}} \times \underset{3}{\cancel{9}}} = \frac{1 \times 1}{4 \times 3} = \frac{1}{12}$$

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

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

$$\textcircled{6} \quad \frac{15}{28} \times \frac{7}{3} = \frac{\overset{5}{\cancel{15}} \times \cancel{7}^1}{\underset{4}{\cancel{28}} \times \cancel{3}_1} = \frac{5 \times 1}{4 \times 1} = \frac{5}{4} \left(1 \frac{1}{4} \right)$$

$$\textcircled{7} \quad \frac{25}{12} \times \frac{3}{10} = \frac{\overset{5}{\cancel{25}} \times \cancel{3}^1}{\underset{4}{\cancel{12}} \times \underset{2}{\cancel{10}}} = \frac{5 \times 1}{4 \times 2} = \frac{5}{8}$$





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$$\textcircled{1} \quad \frac{5}{8} \times \frac{2}{5} = \frac{\cancel{5}^1 \times \cancel{2}_1}{\cancel{8}_4 \times \cancel{5}_1} = \frac{1 \times 1}{4 \times 1} = \frac{1}{4}$$

$$\textcircled{2} \quad \frac{9}{14} \times \frac{7}{6} = \frac{\cancel{9}^3 \times \cancel{7}_1}{\cancel{14}_2 \times \cancel{6}_2} = \frac{3 \times 1}{2 \times 2} = \frac{3}{4}$$

$$\textcircled{3} \quad \frac{6}{5} \times \frac{15}{8} = \frac{\cancel{6}^3 \times \cancel{15}^3}{\cancel{5}_1 \times \cancel{8}_4} = \frac{3 \times 3}{1 \times 4} = \frac{9}{4} \left(2 \frac{1}{4} \right)$$

$$\textcircled{4} \quad \frac{3}{10} \times \frac{2}{3} = \frac{\cancel{3}^1 \times \cancel{2}_1}{\cancel{10}_5 \times \cancel{3}_1} = \frac{1 \times 1}{5 \times 1} = \frac{1}{5}$$

$$\textcircled{5} \quad \frac{3}{4} \times \frac{2}{15} = \frac{\cancel{3}^1 \times \cancel{2}_1}{\cancel{4}_2 \times \cancel{15}_5} = \frac{1 \times 1}{2 \times 5} = \frac{1}{10}$$

$$\textcircled{6} \quad \frac{5}{6} \times \frac{8}{25} = \frac{\cancel{5}^1 \times \cancel{8}^4}{\cancel{6}_3 \times \cancel{25}_5} = \frac{1 \times 4}{3 \times 5} = \frac{4}{15}$$

$$\textcircled{7} \quad \frac{2}{5} \times \frac{5}{16} = \frac{\cancel{2}^1 \times \cancel{5}_1}{\cancel{5}_1 \times \cancel{16}_8} = \frac{1 \times 1}{1 \times 8} = \frac{1}{8}$$





分数のかけ算 6

● 分数同士の積（約分2回）



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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。）

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

$$\textcircled{2} \quad \frac{15}{14} \times \frac{7}{6} = \frac{\cancel{15}^5 \times \cancel{7}_1}{\cancel{14}_2 \times \cancel{6}_2} = \frac{5 \times 1}{2 \times 2} = \frac{5}{4} \left(1 \frac{1}{4} \right)$$

$$\textcircled{3} \quad \frac{4}{25} \times \frac{5}{8} = \frac{\cancel{4}_2 \times \cancel{5}_1}{\cancel{25}_5 \times \cancel{8}_2} = \frac{1 \times 1}{5 \times 2} = \frac{1}{10}$$

$$\textcircled{4} \quad \frac{9}{14} \times \frac{2}{9} = \frac{\cancel{9}_3 \times \cancel{2}_1}{\cancel{14}_7 \times \cancel{9}_1} = \frac{1 \times 1}{7 \times 1} = \frac{1}{7}$$

$$\textcircled{5} \quad \frac{9}{8} \times \frac{4}{15} = \frac{\cancel{9}_3 \times \cancel{4}_2}{\cancel{8}_2 \times \cancel{15}_3} = \frac{3 \times 1}{2 \times 5} = \frac{3}{10}$$

$$\textcircled{6} \quad \frac{21}{5} \times \frac{5}{28} = \frac{\cancel{21}_3 \times \cancel{5}_1}{\cancel{5}_1 \times \cancel{28}_4} = \frac{3 \times 1}{1 \times 4} = \frac{3}{4}$$

$$\textcircled{7} \quad \frac{12}{25} \times \frac{20}{3} = \frac{\cancel{12}_4 \times \cancel{20}_4}{\cancel{25}_5 \times \cancel{3}_1} = \frac{4 \times 4}{5 \times 1} = \frac{16}{5} \left(3 \frac{1}{5} \right)$$





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● 分数同士の積（約分2回）



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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。）

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

$$\textcircled{2} \quad \frac{12}{7} \times \frac{14}{15} = \frac{\cancel{12}^4 \times \cancel{14}^2}{\cancel{7}_1 \times \cancel{15}_5} = \frac{4 \times 2}{1 \times 5} = \frac{8}{5} \left(1 \frac{3}{5} \right)$$

$$\textcircled{3} \quad \frac{2}{25} \times \frac{5}{6} = \frac{\cancel{2}^1 \times \cancel{5}_1}{\cancel{25}_5 \times \cancel{6}_3} = \frac{1 \times 1}{5 \times 3} = \frac{1}{15}$$

$$\textcircled{4} \quad \frac{5}{12} \times \frac{3}{5} = \frac{\cancel{5}^1 \times \cancel{3}_1}{\cancel{12}_4 \times \cancel{5}_1} = \frac{1 \times 1}{4 \times 1} = \frac{1}{4}$$

$$\textcircled{5} \quad \frac{7}{6} \times \frac{9}{14} = \frac{\cancel{7}^1 \times \cancel{9}^3}{\cancel{6}_2 \times \cancel{14}_2} = \frac{1 \times 3}{2 \times 2} = \frac{3}{4}$$

$$\textcircled{6} \quad \frac{16}{3} \times \frac{21}{20} = \frac{\cancel{16}^4 \times \cancel{21}^7}{\cancel{3}_1 \times \cancel{20}_5} = \frac{4 \times 7}{1 \times 5} = \frac{28}{5} \left(5 \frac{3}{5} \right)$$

$$\textcircled{7} \quad \frac{18}{7} \times \frac{7}{30} = \frac{\cancel{18}^3 \times \cancel{7}_1}{\cancel{7}_1 \times \cancel{30}_5} = \frac{3 \times 1}{1 \times 5} = \frac{3}{5}$$





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● 分数同士の積（約分2回）



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・ 次の計算をしましょう。

$$\textcircled{1} \quad \frac{3}{20} \times \frac{5}{3} = \frac{\overset{1}{\cancel{3}} \times \overset{1}{\cancel{5}}}{\underset{4}{\cancel{20}} \times \underset{1}{\cancel{3}}} = \frac{1 \times 1}{4 \times 1} = \frac{1}{4}$$

$$\textcircled{2} \quad \frac{15}{7} \times \frac{35}{18} = \frac{\overset{5}{\cancel{15}} \times \overset{5}{\cancel{35}}}{\underset{1}{\cancel{7}} \times \underset{6}{\cancel{18}}} = \frac{5 \times 5}{1 \times 6} = \frac{25}{6} \left(4 \frac{1}{6} \right)$$

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

$$\textcircled{4} \quad \frac{9}{20} \times \frac{4}{27} = \frac{\overset{1}{\cancel{9}} \times \overset{1}{\cancel{4}}}{\underset{5}{\cancel{20}} \times \underset{3}{\cancel{27}}} = \frac{1 \times 1}{5 \times 3} = \frac{1}{15}$$

$$\textcircled{5} \quad \frac{7}{8} \times \frac{12}{7} = \frac{\overset{1}{\cancel{7}} \times \overset{3}{\cancel{12}}}{\underset{2}{\cancel{8}} \times \underset{1}{\cancel{7}}} = \frac{1 \times 3}{2 \times 1} = \frac{3}{2} \left(1 \frac{1}{2} \right)$$

$$\textcircled{6} \quad \frac{14}{3} \times \frac{15}{16} = \frac{\overset{7}{\cancel{14}} \times \overset{5}{\cancel{15}}}{\underset{1}{\cancel{3}} \times \underset{8}{\cancel{16}}} = \frac{7 \times 5}{1 \times 8} = \frac{35}{8} \left(4 \frac{3}{8} \right)$$

$$\textcircled{7} \quad \frac{21}{5} \times \frac{5}{28} = \frac{\overset{3}{\cancel{21}} \times \overset{1}{\cancel{5}}}{\underset{1}{\cancel{5}} \times \underset{4}{\cancel{28}}} = \frac{3 \times 1}{1 \times 4} = \frac{3}{4}$$





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● 分数同士の積（約分2回）



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・ 次の計算をしましょう。

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

$$\textcircled{2} \quad \frac{24}{7} \times \frac{35}{18} = \frac{\cancel{24}^4 \times \cancel{35}^5}{\cancel{7}_1 \times \cancel{18}_3} = \frac{4 \times 5}{1 \times 3} = \frac{20}{3} \left(6 \frac{2}{3} \right)$$

$$\textcircled{3} \quad \frac{3}{5} \times \frac{5}{6} = \frac{\cancel{3}_1 \times \cancel{5}_1}{\cancel{5}_1 \times \cancel{6}_2} = \frac{1 \times 1}{1 \times 2} = \frac{1}{2}$$

$$\textcircled{4} \quad \frac{9}{20} \times \frac{25}{27} = \frac{\cancel{9}_1 \times \cancel{25}^5}{\cancel{20}_4 \times \cancel{27}_3} = \frac{1 \times 5}{4 \times 3} = \frac{5}{12}$$

$$\textcircled{5} \quad \frac{49}{8} \times \frac{4}{7} = \frac{\cancel{49}^7 \times \cancel{4}_1}{\cancel{8}_2 \times \cancel{7}_1} = \frac{7 \times 1}{2 \times 1} = \frac{7}{2} \left(3 \frac{1}{2} \right)$$

$$\textcircled{6} \quad \frac{7}{18} \times \frac{6}{7} = \frac{\cancel{7}_1 \times \cancel{6}_1}{\cancel{18}_3 \times \cancel{7}_1} = \frac{1 \times 1}{3 \times 1} = \frac{1}{3}$$

$$\textcircled{7} \quad \frac{40}{3} \times \frac{6}{35} = \frac{\cancel{40}^8 \times \cancel{6}^2}{\cancel{3}_1 \times \cancel{35}_7} = \frac{8 \times 2}{1 \times 7} = \frac{16}{7} \left(2 \frac{2}{7} \right)$$





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● 分数同士の積（約分2回）



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・ 次の計算をしましょう。

$$\textcircled{1} \quad \frac{3}{5} \times \frac{2}{9} = \frac{\cancel{3}^1 \times 2}{5 \times \cancel{9}_3} = \frac{1 \times 2}{5 \times 3} = \frac{2}{15}$$

$$\textcircled{2} \quad \frac{5}{16} \times \frac{2}{5} = \frac{\cancel{5}^1 \times \cancel{2}_1}{\cancel{16}_8 \times \cancel{5}_1} = \frac{1 \times 1}{8 \times 1} = \frac{1}{8}$$

$$\textcircled{3} \quad \frac{6}{5} \times \frac{10}{9} = \frac{\cancel{6}^2 \times \cancel{10}^2}{\cancel{5}_1 \times \cancel{9}_3} = \frac{2 \times 2}{1 \times 3} = \frac{4}{3} \left(1 \frac{1}{3} \right)$$

$$\textcircled{4} \quad \frac{7}{10} \times \frac{5}{14} = \frac{\cancel{7}^1 \times \cancel{5}_1}{\cancel{10}_2 \times \cancel{14}_2} = \frac{1 \times 1}{2 \times 2} = \frac{1}{4}$$

$$\textcircled{5} \quad \frac{5}{7} \times \frac{3}{10} = \frac{\cancel{5}^1 \times 3}{7 \times \cancel{10}_2} = \frac{1 \times 3}{7 \times 2} = \frac{3}{14}$$

$$\textcircled{6} \quad \frac{5}{6} \times \frac{4}{15} = \frac{\cancel{5}^1 \times \cancel{4}^2}{\cancel{6}_3 \times \cancel{15}_3} = \frac{1 \times 2}{3 \times 3} = \frac{2}{9}$$

$$\textcircled{7} \quad \frac{2}{3} \times \frac{5}{7} = \frac{2 \times 5}{3 \times 7} = \frac{10}{21}$$





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● 分数同士の積（約分2回）



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・ 次の計算をしましょう。

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

$$\textcircled{2} \quad \frac{7}{18} \times \frac{2}{7} = \frac{\cancel{7}_7 \times \cancel{2}_1}{\cancel{18}_9 \times \cancel{7}_1} = \frac{1 \times 1}{9 \times 1} = \frac{1}{9}$$

$$\textcircled{3} \quad \frac{7}{5} \times \frac{15}{14} = \frac{\cancel{7}_7 \times \overset{3}{\cancel{15}}_5}{\cancel{5}_1 \times \cancel{14}_2} = \frac{1 \times 3}{1 \times 2} = \frac{3}{2} \left(1 \frac{1}{2} \right)$$

$$\textcircled{4} \quad \frac{8}{11} \times \frac{1}{6} = \frac{\overset{4}{\cancel{8}}_2 \times 1}{11 \times \cancel{6}_3} = \frac{4 \times 1}{11 \times 3} = \frac{4}{33}$$

$$\textcircled{5} \quad \frac{8}{21} \times \frac{7}{12} = \frac{\overset{2}{\cancel{8}}_4 \times \cancel{7}_7}{\cancel{21}_3 \times \cancel{12}_3} = \frac{2 \times 1}{3 \times 3} = \frac{2}{9}$$

$$\textcircled{6} \quad \frac{15}{14} \times \frac{2}{5} = \frac{\overset{3}{\cancel{15}}_5 \times \cancel{2}_1}{\cancel{14}_7 \times \cancel{5}_1} = \frac{3 \times 1}{7 \times 1} = \frac{3}{7}$$

$$\textcircled{7} \quad \frac{2}{3} \times \frac{4}{3} = \frac{2 \times 4}{3 \times 3} = \frac{8}{9}$$





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● 分数同士の積（約分2回）



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・ 次の計算をしましょう。

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

$$\textcircled{2} \quad \frac{5}{18} \times \frac{9}{5} = \frac{\cancel{5}^1 \times \cancel{9}_3}{\cancel{18}_2 \times \cancel{5}_1} = \frac{1 \times 1}{2 \times 1} = \frac{1}{2}$$

$$\textcircled{3} \quad \frac{14}{5} \times \frac{10}{21} = \frac{\cancel{14}_2 \times \cancel{10}^2}{\cancel{5}_1 \times \cancel{21}_3} = \frac{2 \times 2}{1 \times 3} = \frac{4}{3} \left(1 \frac{1}{3} \right)$$

$$\textcircled{4} \quad \frac{7}{10} \times \frac{1}{14} = \frac{\cancel{7}^1 \times 1}{10 \times \cancel{14}_2} = \frac{1 \times 1}{10 \times 2} = \frac{1}{20}$$

$$\textcircled{5} \quad \frac{4}{7} \times \frac{7}{12} = \frac{\cancel{4}^1 \times \cancel{7}_7}{\cancel{7}_1 \times \cancel{12}_3} = \frac{1 \times 1}{1 \times 3} = \frac{1}{3}$$

$$\textcircled{6} \quad \frac{6}{7} \times \frac{2}{5} = \frac{6 \times 2}{7 \times 5} = \frac{12}{35}$$

$$\textcircled{7} \quad \frac{2}{3} \times \frac{9}{8} = \frac{\cancel{2}^1 \times \cancel{9}_3}{\cancel{3}_1 \times \cancel{8}_4} = \frac{3}{4}$$





分数のかけ算 6

● 分数同士の積（約分2回）



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・ 次の計算をしましょう。

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

$$\textcircled{2} \quad \frac{8}{7} \times \frac{9}{4} = \frac{\overset{2}{\cancel{8}} \times \cancel{9}}{7 \times \underset{1}{\cancel{4}}} = \frac{2 \times 9}{7 \times 1} = \frac{18}{7} \left(2 \frac{4}{7} \right)$$

$$\textcircled{3} \quad \frac{21}{10} \times \frac{15}{14} = \frac{\overset{3}{\cancel{21}} \times \overset{3}{\cancel{15}}}{\underset{2}{\cancel{10}} \times \underset{2}{\cancel{14}}} = \frac{3 \times 3}{2 \times 2} = \frac{9}{4} \left(2 \frac{1}{4} \right)$$

$$\textcircled{4} \quad \frac{3}{10} \times \frac{1}{9} = \frac{\overset{1}{\cancel{3}} \times \cancel{1}}{10 \times \underset{3}{\cancel{9}}} = \frac{1 \times 1}{10 \times 3} = \frac{1}{30}$$

$$\textcircled{5} \quad \frac{12}{7} \times \frac{7}{8} = \frac{\overset{3}{\cancel{12}} \times \overset{1}{\cancel{7}}}{\underset{1}{\cancel{7}} \times \underset{2}{\cancel{8}}} = \frac{3 \times 1}{1 \times 2} = \frac{3}{2} \left(1 \frac{1}{2} \right)$$

$$\textcircled{6} \quad \frac{1}{3} \times \frac{4}{5} = \frac{1 \times 4}{3 \times 5} = \frac{4}{15}$$

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





分数のかけ算 6

● 分数同士の積（約分2回）

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・ 次の計算をしましょう。

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

$$\textcircled{2} \quad \frac{8}{5} \times \frac{5}{6} = \frac{\cancel{8}^4 \times \cancel{5}_1}{\cancel{5}_1 \times \cancel{6}_3} = \frac{4 \times 1}{1 \times 3} = \frac{4}{3} \left(1 \frac{1}{3} \right)$$

$$\textcircled{3} \quad \frac{12}{7} \times \frac{14}{15} = \frac{\cancel{12}^4 \times \cancel{14}_2}{\cancel{7}_1 \times \cancel{15}_5} = \frac{4 \times 2}{1 \times 5} = \frac{8}{5} \left(1 \frac{3}{5} \right)$$

$$\textcircled{4} \quad \frac{3}{8} \times \frac{1}{9} = \frac{\cancel{3}_1 \times 1}{8 \times \cancel{9}_3} = \frac{1 \times 1}{8 \times 3} = \frac{1}{24}$$

$$\textcircled{5} \quad \frac{16}{11} \times \frac{7}{8} = \frac{\cancel{16}^2 \times 7}{11 \times \cancel{8}_1} = \frac{2 \times 7}{11 \times 1} = \frac{14}{11} \left(1 \frac{3}{11} \right)$$

$$\textcircled{6} \quad \frac{3}{5} \times \frac{9}{7} = \frac{3 \times 9}{5 \times 7} = \frac{27}{35}$$

$$\textcircled{7} \quad \frac{6}{5} \times \frac{20}{9} = \frac{\cancel{6}^2 \times \cancel{20}_4}{\cancel{5}_1 \times \cancel{9}_3} = \frac{2 \times 4}{1 \times 3} = \frac{8}{3} \left(2 \frac{2}{3} \right)$$





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● 分数同士の積（約分2回）

15

目指せ80点!



名まえ

・ 次の計算をしましょう。(各20点)

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

$$\textcircled{2} \quad \frac{2}{15} \times \frac{5}{8} = \frac{\cancel{2}_3^1 \times \cancel{5}_4^1}{15 \times 8} = \frac{1 \times 1}{3 \times 4} = \frac{1}{12}$$

$$\textcircled{3} \quad \frac{5}{6} \times \frac{12}{35} = \frac{\cancel{5}_1^1 \times \cancel{12}_7^2}{\cancel{6}_2^1 \times 35} = \frac{1 \times 2}{1 \times 7} = \frac{2}{7}$$

$$\textcircled{4} \quad \frac{3}{8} \times \frac{7}{12} = \frac{\cancel{3}_4^1 \times 7}{8 \times \cancel{12}_3^4} = \frac{1 \times 7}{8 \times 4} = \frac{7}{32}$$

$$\textcircled{5} \quad \frac{4}{5} \times \frac{5}{12} = \frac{\cancel{4}_3^1 \times \cancel{5}_4^1}{5 \times \cancel{12}_3^4} = \frac{1 \times 1}{1 \times 3} = \frac{1}{3}$$





分数のかけ算 6

● 分数同士の積 (約分2回)

16

目指せ80点!



名まえ

・ 次の計算をしましょう。(各20点)

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

$$\textcircled{2} \quad \frac{12}{5} \times \frac{15}{8} = \frac{\overset{3}{\cancel{12}} \times \overset{3}{\cancel{15}}}{\underset{1}{\cancel{5}} \times \underset{2}{\cancel{8}}} = \frac{3 \times 3}{1 \times 2} = \frac{9}{2} \left(4 \frac{1}{2} \right)$$

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

$$\textcircled{4} \quad \frac{15}{8} \times \frac{7}{12} = \frac{\overset{5}{\cancel{15}} \times 7}{8 \times \underset{4}{\cancel{12}}} = \frac{5 \times 7}{8 \times 4} = \frac{35}{32} \left(1 \frac{3}{32} \right)$$

$$\textcircled{5} \quad \frac{2}{3} \times \frac{9}{8} = \frac{\overset{1}{\cancel{2}} \times \overset{3}{\cancel{9}}}{\underset{1}{\cancel{3}} \times \underset{4}{\cancel{8}}} = \frac{1 \times 3}{1 \times 4} = \frac{3}{4}$$

