



分数のかけ算 7

◎ 真分数と帯分数の積



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。)

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

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

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

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

$$\textcircled{5} \quad \frac{4}{7} \times 1\frac{5}{9} = \frac{4 \times \cancel{14}^2}{\cancel{7}_1 \times 9} =$$

$$\textcircled{6} \quad 2\frac{2}{3} \times \frac{3}{16} = \frac{\cancel{8}^1 \times \cancel{3}^1}{\cancel{3}_1 \times \cancel{16}_2} =$$

$$\textcircled{7} \quad \frac{9}{14} \times 1\frac{3}{4} =$$



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

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

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

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

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

$$\textcircled{6} \quad 2\frac{2}{5} \times \frac{7}{8} = \frac{\cancel{2}^3 \times 7}{5 \times \cancel{8}_2} =$$

$$\textcircled{7} \quad \frac{5}{12} \times 1\frac{3}{5} =$$



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$$\textcircled{1} \quad 1\frac{2}{5} \times \frac{2}{3} = \frac{7 \times 2}{5 \times 3} = \frac{14}{15}$$

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

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

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

$$\textcircled{5} \quad \frac{3}{7} \times 2\frac{4}{5} = \frac{3 \times \cancel{14}^2}{\cancel{7}_1 \times 5} =$$

$$\textcircled{6} \quad 2\frac{2}{3} \times \frac{15}{16} = \frac{\cancel{8}^1 \times \cancel{15}^5}{\cancel{3}_1 \times \cancel{16}_2} =$$

$$\textcircled{7} \quad \frac{5}{6} \times 1\frac{4}{5} =$$





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

$$\textcircled{2} \quad \frac{4}{5} \times 1\frac{1}{7} = \frac{4 \times 8}{5 \times 7} =$$

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

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

$$\textcircled{5} \quad \frac{3}{4} \times 2\frac{2}{5} = \frac{3 \times \cancel{12}^3}{\cancel{4}_1 \times 5} =$$

$$\textcircled{6} \quad 3\frac{1}{5} \times \frac{5}{14} = \frac{\cancel{16}^8 \times \cancel{5}^1}{\cancel{5}_1 \times \cancel{14}_7} =$$

$$\textcircled{7} \quad \frac{9}{16} \times 2\frac{2}{3} =$$





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$$\textcircled{1} \quad \frac{4}{5} \times 2\frac{1}{3} = \frac{4 \times 7}{5 \times 3} = \frac{28}{15} \left(1\frac{13}{15} \right)$$

$$\textcircled{2} \quad 2\frac{3}{4} \times \frac{2}{3} = \frac{\cancel{11} \times \cancel{2}^1}{\cancel{4}_2 \times 3} =$$

$$\textcircled{3} \quad 1\frac{3}{5} \times \frac{5}{6} = \frac{\cancel{8}^4 \times \cancel{5}^1}{\cancel{5}_1 \times \cancel{6}_3} =$$

$$\textcircled{4} \quad \frac{3}{8} \times 2\frac{6}{7} =$$

$$\textcircled{5} \quad \frac{8}{15} \times 1\frac{2}{5} =$$

$$\textcircled{6} \quad 2\frac{1}{2} \times \frac{7}{20} =$$

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





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

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

$$\textcircled{3} \quad 1\frac{4}{5} \times \frac{5}{6} = \frac{\cancel{9}^3 \times \cancel{5}_1}{\cancel{5}_1 \times \cancel{6}_2} =$$

$$\textcircled{4} \quad \frac{3}{7} \times 1\frac{1}{4} =$$

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

$$\textcircled{6} \quad 2\frac{2}{3} \times \frac{7}{16} =$$

$$\textcircled{7} \quad 1\frac{2}{5} \times \frac{5}{14} =$$





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$$\textcircled{1} \quad \frac{7}{9} \times 1\frac{3}{7} = \frac{\cancel{7}^1 \times 10}{9 \times \cancel{7}_1} = \frac{1 \times 10}{9 \times 1} = \frac{10}{9} \left(1\frac{1}{9} \right)$$

$$\textcircled{2} \quad 2\frac{2}{5} \times \frac{7}{9} = \frac{\cancel{12}^4 \times 7}{5 \times \cancel{9}_3} =$$

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

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

$$\textcircled{5} \quad \frac{4}{15} \times 1\frac{1}{8} =$$

$$\textcircled{6} \quad 1\frac{2}{3} \times \frac{6}{11} =$$

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



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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。)

$$\textcircled{1} \quad \frac{9}{10} \times 1\frac{7}{9} = \frac{\cancel{9}^1 \times \cancel{1}^8 \cancel{6}^8}{\cancel{10}_5 \times \cancel{9}_1} =$$

$$\textcircled{2} \quad 2\frac{2}{3} \times \frac{5}{12} =$$

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

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

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

$$\textcircled{6} \quad 3\frac{1}{3} \times \frac{6}{25} =$$

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





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

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

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

$$\textcircled{4} \quad \frac{8}{7} \times 1\frac{1}{2} =$$

$$\textcircled{5} \quad \frac{8}{15} \times 6\frac{1}{4} =$$

$$\textcircled{6} \quad 1\frac{1}{5} \times \frac{5}{11} =$$

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





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

$$\textcircled{2} \quad \frac{3}{8} \times \frac{5}{6} =$$

$$\textcircled{3} \quad 1\frac{1}{6} \times \frac{9}{14} =$$

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

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

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

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





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

$$\textcircled{2} \quad \frac{5}{8} \times \frac{9}{10} =$$

$$\textcircled{3} \quad 1\frac{1}{4} \times \frac{8}{15} =$$

$$\textcircled{4} \quad \frac{8}{9} \times \frac{1}{12} =$$

$$\textcircled{5} \quad \frac{14}{15} \times 1\frac{1}{7} =$$

$$\textcircled{6} \quad 1\frac{1}{2} \times \frac{5}{7} =$$

$$\textcircled{7} \quad \frac{3}{4} \times \frac{5}{6} =$$





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

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

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

$$\textcircled{4} \quad \frac{3}{4} \times \frac{4}{27} =$$

$$\textcircled{5} \quad \frac{9}{14} \times 2\frac{1}{3} =$$

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

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





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・ 次の計算をしましょう。

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

$$\textcircled{2} \quad \frac{4}{5} \times \frac{7}{18} =$$

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

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

$$\textcircled{5} \quad \frac{14}{15} \times 1\frac{1}{7} =$$

$$\textcircled{6} \quad 1\frac{1}{2} \times \frac{3}{4} =$$

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





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・ 次の計算をしましょう。

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

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

$$\textcircled{3} \quad 3\frac{1}{3} \times \frac{6}{25} =$$

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

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

$$\textcircled{6} \quad 2\frac{2}{5} \times \frac{8}{9} =$$

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





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真分数と帯分数の積

15

目指せ80点!



名まえ

・ 次の計算をしましょう。(各20点)

① $\frac{3}{4} \times \frac{8}{9} =$

② $\frac{5}{7} \times 1\frac{3}{5} =$

③ $2\frac{4}{7} \times \frac{5}{14} =$

④ $\frac{3}{8} \times \frac{3}{4} =$

⑤ $\frac{5}{12} \times 1\frac{3}{5} =$



分数のかけ算 7

真分数と帯分数の積

16

目指せ80点!



名まえ

・ 次の計算をしましょう。(各20点)

① $\frac{5}{6} \times \frac{9}{10} =$

② $\frac{7}{15} \times 1\frac{3}{7} =$

③ $2\frac{2}{3} \times \frac{5}{12} =$

④ $\frac{4}{7} \times \frac{2}{3} =$

⑤ $\frac{4}{15} \times 1\frac{1}{8} =$



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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。)

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

$$\textcircled{2} \quad \frac{5}{6} \times 1\frac{2}{3} = \frac{5 \times 5}{6 \times 3} = \frac{25}{18} (1\frac{7}{18})$$

$$\textcircled{3} \quad 2\frac{1}{2} \times \frac{5}{6} = \frac{5 \times 5}{2 \times 6} = \frac{25}{12} (2\frac{1}{12})$$

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

$$\textcircled{5} \quad \frac{4}{7} \times 1\frac{5}{9} = \frac{4 \times \cancel{14}^2}{\cancel{7}_1 \times 9} = \frac{4 \times 2}{1 \times 9} = \frac{8}{9}$$

$$\textcircled{6} \quad 2\frac{2}{3} \times \frac{3}{16} = \frac{\cancel{8}^1 \times \cancel{3}^1}{\cancel{3}_1 \times \cancel{16}_2} = \frac{1 \times 1}{1 \times 2} = \frac{1}{2}$$

$$\textcircled{7} \quad \frac{9}{14} \times 1\frac{3}{4} = \frac{9 \times \cancel{7}^1}{\cancel{14}_2 \times 4} = \frac{9 \times 1}{2 \times 4} = \frac{9}{8} (1\frac{1}{8})$$





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

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

$$\textcircled{3} \quad 2\frac{1}{3} \times \frac{2}{5} = \frac{7 \times 2}{3 \times 5} = \frac{14}{15}$$

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

$$\textcircled{5} \quad \frac{3}{7} \times 1\frac{2}{9} = \frac{\cancel{3}^1 \times 11}{7 \times \cancel{9}_3} = \frac{1 \times 11}{7 \times 3} = \frac{11}{21}$$

$$\textcircled{6} \quad 2\frac{2}{5} \times \frac{7}{8} = \frac{\cancel{12}^3 \times 7}{5 \times \cancel{8}_2} = \frac{3 \times 7}{5 \times 2} = \frac{21}{10} \left(2\frac{1}{10} \right)$$

$$\textcircled{7} \quad \frac{5}{12} \times 1\frac{3}{5} = \frac{\cancel{5}^1 \times \cancel{8}^2}{\cancel{12}_3 \times \cancel{5}_1} = \frac{1 \times 2}{3 \times 1} = \frac{2}{3}$$





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$$\textcircled{1} \quad 1\frac{2}{5} \times \frac{2}{3} = \frac{7 \times 2}{5 \times 3} = \frac{14}{15}$$

$$\textcircled{2} \quad \frac{5}{6} \times 1\frac{2}{7} = \frac{\cancel{5}^3 \times \cancel{2}_2}{\cancel{6}_2 \times 7} = \frac{5 \times 3}{2 \times 7} = \frac{15}{14} \left(1\frac{1}{14} \right)$$

$$\textcircled{3} \quad 1\frac{2}{3} \times \frac{1}{4} = \frac{5 \times 1}{3 \times 4} = \frac{5}{12}$$

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

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

$$\textcircled{6} \quad 2\frac{2}{3} \times \frac{15}{16} = \frac{\cancel{8}^1 \times \cancel{15}^5}{\cancel{3}_1 \times \cancel{16}_2} = \frac{1 \times 5}{1 \times 2} = \frac{5}{2} \left(2\frac{1}{2} \right)$$

$$\textcircled{7} \quad \frac{5}{6} \times 1\frac{4}{5} = \frac{\cancel{5}^1 \times \cancel{4}^3}{\cancel{6}_2 \times \cancel{5}_1} = \frac{1 \times 3}{2 \times 1} = \frac{3}{2} \left(1\frac{1}{2} \right)$$





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

$$\textcircled{2} \quad \frac{4}{5} \times 1\frac{1}{7} = \frac{4 \times 8}{5 \times 7} = \frac{32}{35}$$

$$\textcircled{3} \quad 1\frac{1}{2} \times \frac{3}{4} = \frac{3 \times 3}{2 \times 4} = \frac{9}{8} \left(1\frac{1}{8} \right)$$

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

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

$$\textcircled{6} \quad 3\frac{1}{5} \times \frac{5}{14} = \frac{\cancel{5}^8 \times \cancel{5}_1}{\cancel{5}_1 \times \cancel{14}_7} = \frac{8 \times 1}{1 \times 7} = \frac{8}{7} \left(1\frac{1}{7} \right)$$

$$\textcircled{7} \quad \frac{9}{16} \times 2\frac{2}{3} = \frac{\cancel{9}^3 \times \cancel{8}_1}{\cancel{16}_2 \times \cancel{3}_1} = \frac{3 \times 1}{2 \times 1} = \frac{3}{2} \left(1\frac{1}{2} \right)$$





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$$\textcircled{1} \quad \frac{4}{5} \times 2\frac{1}{3} = \frac{4 \times 7}{5 \times 3} = \frac{28}{15} \left(1\frac{13}{15} \right)$$

$$\textcircled{2} \quad 2\frac{3}{4} \times \frac{2}{3} = \frac{11 \times \cancel{2}^1}{\cancel{4}_2 \times 3} = \frac{11 \times 1}{2 \times 3} = \frac{11}{6} \left(1\frac{5}{6} \right)$$

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

$$\textcircled{4} \quad \frac{3}{8} \times 2\frac{6}{7} = \frac{3 \times \cancel{20}^5}{\cancel{8}_2 \times 7} = \frac{3 \times 5}{2 \times 7} = \frac{15}{14} \left(1\frac{1}{14} \right)$$

$$\textcircled{5} \quad \frac{8}{15} \times 1\frac{2}{5} = \frac{8 \times 7}{15 \times 5} = \frac{56}{75}$$

$$\textcircled{6} \quad 2\frac{1}{2} \times \frac{7}{20} = \frac{\cancel{5}^1 \times 7}{2 \times \cancel{20}_4} = \frac{1 \times 7}{2 \times 4} = \frac{7}{8}$$

$$\textcircled{7} \quad 2\frac{2}{7} \times \frac{7}{24} = \frac{\cancel{16}^2 \times \cancel{7}^1}{\cancel{7}_1 \times \cancel{24}_3} = \frac{2 \times 1}{1 \times 3} = \frac{2}{3}$$





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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。)

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

$$\textcircled{2} \quad 2\frac{2}{7} \times \frac{5}{8} = \frac{\cancel{14}^2 \times 5}{7 \times \cancel{8}_1} = \frac{2 \times 5}{7 \times 1} = \frac{10}{7} \left(1\frac{3}{7} \right)$$

$$\textcircled{3} \quad 1\frac{4}{5} \times \frac{5}{6} = \frac{\cancel{9}^3 \times \cancel{5}_1}{\cancel{5}_1 \times \cancel{6}_2} = \frac{3 \times 1}{1 \times 2} = \frac{3}{2} \left(1\frac{1}{2} \right)$$

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

$$\textcircled{5} \quad \frac{5}{12} \times 1\frac{2}{4} = \frac{5 \times \cancel{6}_2}{\cancel{12}_2 \times 4} = \frac{5 \times 1}{2 \times 4} = \frac{5}{8}$$

$$\textcircled{6} \quad 2\frac{2}{3} \times \frac{7}{16} = \frac{\cancel{8}_2 \times 7}{3 \times \cancel{16}_2} = \frac{1 \times 7}{3 \times 2} = \frac{7}{6} \left(1\frac{1}{6} \right)$$

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





分数のかけ算 7

● 真分数と帯分数の積



日にち： 月 日

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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。)

$$\textcircled{1} \quad \frac{7}{9} \times 1\frac{3}{7} = \frac{\cancel{7}^1 \times 10}{9 \times \cancel{7}_1} = \frac{1 \times 10}{9 \times 1} = \frac{10}{9} \left(1\frac{1}{9} \right)$$

$$\textcircled{2} \quad 2\frac{2}{5} \times \frac{7}{9} = \frac{\cancel{12}^4 \times 7}{5 \times \cancel{9}_3} = \frac{4 \times 7}{5 \times 3} = \frac{28}{15} \left(1\frac{13}{15} \right)$$

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

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

$$\textcircled{5} \quad \frac{4}{15} \times 1\frac{1}{8} = \frac{\cancel{4}^1 \times \cancel{9}^3}{\cancel{15}_5 \times \cancel{8}_2} = \frac{1 \times 3}{5 \times 2} = \frac{3}{10}$$

$$\textcircled{6} \quad 1\frac{2}{3} \times \frac{6}{11} = \frac{5 \times \cancel{6}^2}{\cancel{3}_1 \times 11} = \frac{5 \times 2}{1 \times 11} = \frac{10}{11}$$

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





分数のかけ算 7

● 真分数と帯分数の積

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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。)

$$\textcircled{1} \quad \frac{9}{10} \times 1\frac{7}{9} = \frac{\cancel{9}^1 \times \cancel{10}_5^8}{\cancel{10}_5 \times \cancel{9}_1} = \frac{1 \times 8}{5 \times 1} = \frac{8}{5} \left(1\frac{3}{5} \right)$$

$$\textcircled{2} \quad 2\frac{2}{3} \times \frac{5}{12} = \frac{\cancel{8}^2 \times 5}{3 \times \cancel{12}_3} = \frac{2 \times 5}{3 \times 3} = \frac{10}{9} \left(1\frac{1}{9} \right)$$

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

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

$$\textcircled{5} \quad \frac{5}{12} \times 4\frac{1}{2} = \frac{5 \times \cancel{12}_4^3}{\cancel{12}_4 \times 2} = \frac{5 \times 3}{4 \times 2} = \frac{15}{8} \left(1\frac{7}{8} \right)$$

$$\textcircled{6} \quad 3\frac{1}{3} \times \frac{6}{25} = \frac{\cancel{10}^2 \times \cancel{6}_5^2}{\cancel{3}_1 \times 25} = \frac{2 \times 2}{1 \times 5} = \frac{4}{5}$$

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





分数のかけ算 7

◎ 真分数と帯分数の積



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・ 次の計算をしましょう。

$$\textcircled{1} \quad \frac{3}{4} \times 1\frac{1}{5} = \frac{\overset{3}{\cancel{3}} \times \overset{2}{\cancel{4}}}{\cancel{4} \times 5} = \frac{3 \times 3}{2 \times 5} = \frac{9}{10}$$

$$\textcircled{2} \quad 2\frac{2}{7} \times \frac{7}{12} = \frac{\overset{4}{\cancel{16}} \times \overset{1}{\cancel{7}}}{\underset{1}{\cancel{7}} \times \underset{3}{\cancel{12}}} = \frac{4 \times 1}{1 \times 3} = \frac{4}{3} (1\frac{1}{3})$$

$$\textcircled{3} \quad 1\frac{1}{3} \times \frac{2}{5} = \frac{4 \times 2}{3 \times 5} = \frac{8}{15}$$

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

$$\textcircled{5} \quad \frac{8}{15} \times 6\frac{1}{4} = \frac{\overset{2}{\cancel{8}} \times \overset{5}{\cancel{25}}}{\underset{3}{\cancel{15}} \times \underset{1}{\cancel{4}}} = \frac{2 \times 5}{3 \times 1} = \frac{10}{3} (3\frac{1}{3})$$

$$\textcircled{6} \quad 1\frac{1}{5} \times \frac{5}{11} = \frac{6 \times \overset{1}{\cancel{5}}}{\underset{1}{\cancel{5}} \times 11} = \frac{6 \times 1}{1 \times 11} = \frac{6}{11}$$

$$\textcircled{7} \quad 3\frac{1}{2} \times \frac{5}{3} = \frac{7 \times 5}{2 \times 3} = \frac{35}{6} (5\frac{5}{6})$$



分数のかけ算 7

● 真分数と帯分数の積



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・ 次の計算をしましょう。

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

$$\textcircled{2} \quad \frac{3}{8} \times \frac{5}{6} = \frac{\cancel{3}_3 \times 5}{8 \times \cancel{6}_2} = \frac{1 \times 5}{8 \times 2} = \frac{5}{16}$$

$$\textcircled{3} \quad 1\frac{1}{6} \times \frac{9}{14} = \frac{\cancel{7}_2^1 \times \cancel{9}_3}{\cancel{6}_2 \times \cancel{14}_2} = \frac{1 \times 3}{2 \times 2} = \frac{3}{4}$$

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

$$\textcircled{5} \quad \frac{3}{10} \times 8\frac{1}{3} = \frac{\cancel{3}_3^1 \times \cancel{25}_5}{\cancel{10}_2 \times \cancel{3}_1} = \frac{1 \times 5}{2 \times 1} = \frac{5}{2} \left(2\frac{1}{2} \right)$$

$$\textcircled{6} \quad 1\frac{3}{5} \times \frac{2}{15} = \frac{8 \times 2}{5 \times 15} = \frac{16}{75}$$

$$\textcircled{7} \quad \frac{2}{3} \times \frac{7}{9} = \frac{2 \times 7}{3 \times 9} = \frac{14}{27}$$





分数のかけ算 7

● 真分数と帯分数の積



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・ 次の計算をしましょう。

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

$$\textcircled{2} \quad \frac{5}{8} \times \frac{9}{10} = \frac{\cancel{5}^1 \times 9}{8 \times \cancel{10}_2} = \frac{1 \times 9}{8 \times 2} = \frac{9}{16}$$

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

$$\textcircled{4} \quad \frac{8}{9} \times \frac{1}{12} = \frac{\cancel{8}^2 \times 1}{9 \times \cancel{12}_3} = \frac{2 \times 1}{9 \times 3} = \frac{2}{27}$$

$$\textcircled{5} \quad \frac{14}{15} \times 1\frac{1}{7} = \frac{\cancel{14}^2 \times 8}{15 \times \cancel{7}_1} = \frac{2 \times 8}{15 \times 1} = \frac{16}{15} \left(1\frac{1}{15} \right)$$

$$\textcircled{6} \quad 1\frac{1}{2} \times \frac{5}{7} = \frac{3 \times 5}{2 \times 7} = \frac{15}{14} \left(1\frac{1}{14} \right)$$

$$\textcircled{7} \quad \frac{3}{4} \times \frac{5}{6} = \frac{\cancel{3}^1 \times 5}{4 \times \cancel{6}_2} = \frac{1 \times 5}{4 \times 2} = \frac{5}{8}$$





分数のかけ算 7

● 真分数と帯分数の積



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・ 次の計算をしましょう。

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

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

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

$$\textcircled{4} \quad \frac{3}{4} \times \frac{4}{27} = \frac{\cancel{3}^1 \times \cancel{4}^1}{\cancel{4}_1 \times \cancel{27}_9} = \frac{1 \times 1}{1 \times 9} = \frac{1}{9}$$

$$\textcircled{5} \quad \frac{9}{14} \times 2\frac{1}{3} = \frac{\cancel{9}^3 \times \cancel{7}^1}{\cancel{14}_2 \times \cancel{3}_1} = \frac{3 \times 1}{2 \times 1} = \frac{3}{2} \left(1\frac{1}{2} \right)$$

$$\textcircled{6} \quad 1\frac{1}{4} \times \frac{1}{3} = \frac{5 \times 1}{4 \times 3} = \frac{5}{12}$$

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





分数のかけ算 7

● 真分数と帯分数の積



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・ 次の計算をしましょう。

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

$$\textcircled{2} \quad \frac{4}{5} \times \frac{7}{18} = \frac{\cancel{4}^2 \times 7}{5 \times \cancel{18}_9} = \frac{2 \times 7}{5 \times 9} = \frac{14}{45}$$

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

$$\textcircled{4} \quad \frac{5}{8} \times \frac{8}{25} = \frac{\cancel{5}^1 \times \cancel{8}^1}{\cancel{8}_1 \times \cancel{25}_5} = \frac{1 \times 1}{1 \times 5} = \frac{1}{5}$$

$$\textcircled{5} \quad \frac{14}{15} \times 1\frac{1}{7} = \frac{\cancel{14}^2 \times 8}{15 \times \cancel{7}_1} = \frac{2 \times 8}{15 \times 1} = \frac{16}{15} \left(1\frac{1}{15} \right)$$

$$\textcircled{6} \quad 1\frac{1}{2} \times \frac{3}{4} = \frac{3 \times 3}{2 \times 4} = \frac{9}{8} \left(1\frac{1}{8} \right)$$

$$\textcircled{7} \quad \frac{2}{5} \times \frac{2}{3} = \frac{2 \times 2}{5 \times 3} = \frac{4}{15}$$





分数のかけ算 7

● 真分数と帯分数の積



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・ 次の計算をしましょう。

$$\textcircled{1} \quad \frac{4}{5} \times 2\frac{1}{3} = \frac{4 \times 7}{5 \times 3} = \frac{28}{15} \left(1\frac{13}{15} \right)$$

$$\textcircled{2} \quad \frac{2}{5} \times \frac{4}{7} = \frac{2 \times 4}{5 \times 7} = \frac{8}{35}$$

$$\textcircled{3} \quad 3\frac{1}{3} \times \frac{6}{25} = \frac{\overset{2}{\cancel{10}} \times \overset{2}{\cancel{6}}}{\underset{1}{\cancel{3}} \times \underset{5}{\cancel{25}}} = \frac{2 \times 2}{1 \times 5} = \frac{4}{5}$$

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

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

$$\textcircled{6} \quad 2\frac{2}{5} \times \frac{8}{9} = \frac{\overset{4}{\cancel{12}} \times 8}{5 \times \underset{3}{\cancel{9}}} = \frac{4 \times 8}{5 \times 3} = \frac{32}{15} \left(2\frac{2}{15} \right)$$

$$\textcircled{7} \quad \frac{4}{7} \times \frac{2}{3} = \frac{4 \times 2}{7 \times 3} = \frac{8}{21}$$





分数のかけ算 7

真分数と帯分数の積

15

目指せ80点!



名まえ

・ 次の計算をしましょう。(各20点)

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

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

$$\textcircled{3} \quad 2\frac{4}{7} \times \frac{5}{14} = \frac{\cancel{18}^9 \times 5}{7 \times \cancel{14}_7} = \frac{9 \times 5}{7 \times 7} = \frac{45}{49}$$

$$\textcircled{4} \quad \frac{3}{8} \times \frac{3}{4} = \frac{3 \times 3}{8 \times 4} = \frac{9}{32}$$

$$\textcircled{5} \quad \frac{5}{12} \times 1\frac{3}{5} = \frac{\cancel{5}^1 \times \cancel{8}^2}{\cancel{12}_3 \times \cancel{5}_1} = \frac{1 \times 2}{3 \times 1} = \frac{2}{3}$$



分数のかけ算 7

◎ 真分数と帯分数の積

16

目指せ80点!



名まえ _____

・ 次の計算をしましょう。(各20点)

$$\textcircled{1} \quad \frac{5}{6} \times \frac{9}{10} = \frac{\cancel{5}^1 \times \cancel{9}^3}{\cancel{6}_2 \times \cancel{10}_2} = \frac{1 \times 3}{2 \times 2} = \frac{3}{4}$$

$$\textcircled{2} \quad \frac{7}{15} \times 1\frac{3}{7} = \frac{\cancel{7}^1 \times \cancel{10}^2}{\cancel{15}_3 \times \cancel{7}_1} = \frac{1 \times 2}{3 \times 1} = \frac{2}{3}$$

$$\textcircled{3} \quad 2\frac{2}{3} \times \frac{5}{12} = \frac{\cancel{8}^2 \times 5}{3 \times \cancel{12}_3} = \frac{2 \times 5}{3 \times 3} = \frac{10}{9} \left(1\frac{1}{9} \right)$$

$$\textcircled{4} \quad \frac{4}{7} \times \frac{2}{3} = \frac{4 \times 2}{7 \times 3} = \frac{8}{21}$$

$$\textcircled{5} \quad \frac{4}{15} \times 1\frac{1}{8} = \frac{\cancel{4}^1 \times \cancel{9}^3}{\cancel{15}_5 \times \cancel{8}_2} = \frac{1 \times 3}{5 \times 2} = \frac{3}{10}$$