

分数のかけ算 8

● 整数と帯分数の積



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。)

$$\textcircled{1} \quad 3 \times 1\frac{2}{5} = \frac{3 \times 7}{5} = \frac{21}{5} (4\frac{1}{5})$$

$$\textcircled{2} \quad 1\frac{3}{8} \times 7 = \frac{11 \times 7}{8} =$$

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

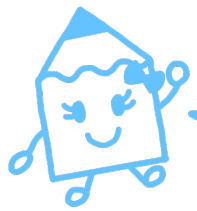
$$\textcircled{4} \quad 6 \times 1\frac{3}{8} = \frac{\cancel{6}^3 \times 11}{\cancel{8}_4} = \frac{3 \times 11}{4} = \frac{33}{4} (8\frac{1}{4})$$

$$\textcircled{5} \quad 4\frac{2}{7} \times 14 = \frac{30 \times \cancel{14}^2}{\cancel{7}_1} = 30 \times 2$$

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

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





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$$\textcircled{1} \quad 4 \times 1\frac{1}{5} = \frac{4 \times 6}{5} = \frac{24}{5} (4\frac{4}{5})$$

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

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

$$\textcircled{4} \quad 5 \times 1\frac{3}{10} = \frac{\cancel{5}^1 \times 13}{\cancel{10}_2} = \frac{1 \times 13}{2} = \frac{13}{2} (6\frac{1}{2})$$

$$\textcircled{5} \quad 3\frac{5}{6} \times 12 = \frac{23 \times \cancel{12}^2}{\cancel{6}_1} = 23 \times 2$$

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

$$\textcircled{7} \quad 1\frac{3}{4} \times 12 =$$





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$$\textcircled{1} \quad 5 \times 1\frac{1}{4} = \frac{5 \times 5}{4} = \frac{25}{4} (6\frac{1}{4})$$

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

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

$$\textcircled{4} \quad 6 \times 1\frac{1}{9} = \frac{\cancel{6}^2 \times 10}{\cancel{9}_3} = \frac{2 \times 10}{3} = \frac{20}{3} (6\frac{2}{3})$$

$$\textcircled{5} \quad 1\frac{5}{8} \times 16 = \frac{13 \times \cancel{16}^2}{\cancel{8}_1} = 13 \times 2$$

$$\textcircled{6} \quad 8 \times 1\frac{1}{10} =$$

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





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$$\textcircled{1} \quad 6 \times 1\frac{2}{5} = \frac{6 \times 7}{5} = \frac{42}{5} (8\frac{2}{5})$$

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

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

$$\textcircled{4} \quad 6 \times 1\frac{3}{8} =$$

$$\textcircled{5} \quad 1\frac{1}{9} \times 18 =$$

$$\textcircled{6} \quad 8 \times 1\frac{1}{12} =$$

$$\textcircled{7} \quad 1\frac{3}{4} \times 16 =$$





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$$\textcircled{1} \quad 3 \times 1\frac{4}{9} = \frac{\cancel{3}^1 \times 13}{\cancel{9}_3} = \frac{1 \times 13}{3} =$$

$$\textcircled{2} \quad 4 \times 1\frac{2}{7} = \frac{4 \times 9}{7} =$$

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

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

$$\textcircled{5} \quad 2\frac{5}{8} \times 16 =$$

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

$$\textcircled{7} \quad 1\frac{3}{10} \times 6 =$$





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

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

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

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

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

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

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





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

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

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

$$\textcircled{4} \quad 5 \times 1\frac{1}{10} =$$

$$\textcircled{5} \quad 1\frac{5}{6} \times 18 =$$

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

$$\textcircled{7} \quad 1\frac{1}{12} \times 8 =$$





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・ 次の計算をしましょう。

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

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

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

$$\textcircled{4} \quad 6 \times 1\frac{2}{9} =$$

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

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

$$\textcircled{7} \quad 1\frac{1}{8} \times 24 =$$





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・ 次の計算をしましょう。

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

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

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

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

$$\textcircled{5} \quad 1\frac{2}{7} \times 21 =$$

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

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





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・ 次の計算をしましょう。

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

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

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

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

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

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

$$\textcircled{7} \quad 1\frac{1}{15} \times 9 =$$





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

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

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

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

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

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

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





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・ 次の計算をしましょう。

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

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

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

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

$$\textcircled{5} \quad \frac{7}{9} \times 1\frac{3}{7} =$$

$$\textcircled{6} \quad 2\frac{1}{3} \times \frac{5}{14} =$$

$$\textcircled{7} \quad 2\frac{1}{3} \times 12 =$$





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

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

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

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

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

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

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





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・ 次の計算をしましょう。

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

$$\textcircled{2} \quad 1\frac{5}{8} \times 6 =$$

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

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

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

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

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



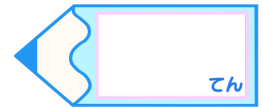


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● 整数と帯分数の積

15

目指せ80点!



名まえ

・ 次の計算をしましょう。(各20点)

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

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

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

$$\textcircled{4} \quad 6 \times 1\frac{1}{9} =$$

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



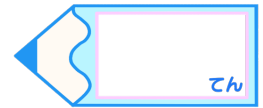


分数のかけ算 8

● 整数と帯分数の積

16

目指せ80点!



名まえ

・ 次の計算をしましょう。(各20点)

① $4 \times 1\frac{2}{7} =$

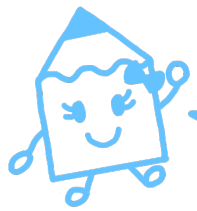
② $2\frac{2}{3} \times \frac{3}{16} =$

③ $\frac{3}{5} \times 2\frac{1}{2} =$

④ $14 \times 4\frac{2}{7} =$

⑤ $1\frac{1}{9} \times 6 =$





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$$\textcircled{1} \quad 3 \times 1\frac{2}{5} = \frac{3 \times 7}{5} = \frac{21}{5} (4\frac{1}{5})$$

$$\textcircled{2} \quad 1\frac{3}{8} \times 7 = \frac{11 \times 7}{8} = \frac{77}{8} (9\frac{5}{8})$$

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

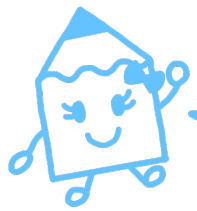
$$\textcircled{4} \quad 6 \times 1\frac{3}{8} = \frac{\overset{3}{\cancel{6}} \times 11}{\underset{4}{\cancel{8}}} = \frac{3 \times 11}{4} = \frac{33}{4} (8\frac{1}{4})$$

$$\textcircled{5} \quad 4\frac{2}{7} \times 14 = \frac{30 \times \overset{2}{\cancel{14}}}{\underset{1}{\cancel{7}}} = 30 \times 2 = 60$$

$$\textcircled{6} \quad 6 \times 1\frac{1}{8} = \frac{\overset{3}{\cancel{6}} \times 9}{\underset{4}{\cancel{8}}} = \frac{3 \times 9}{4} = \frac{27}{4} (6\frac{3}{4})$$

$$\textcircled{7} \quad 3\frac{2}{5} \times 15 = \frac{17 \times \overset{3}{\cancel{15}}}{\underset{1}{\cancel{5}}} = 17 \times 3 = 51$$





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$$\textcircled{1} \quad 4 \times 1\frac{1}{5} = \frac{4 \times 6}{5} = \frac{24}{5} (4\frac{4}{5})$$

$$\textcircled{2} \quad 1\frac{4}{7} \times 3 = \frac{11 \times 3}{7} = \frac{33}{7} (4\frac{5}{7})$$

$$\textcircled{3} \quad 3 \times 2\frac{1}{4} = \frac{3 \times 9}{4} = \frac{27}{4} (6\frac{3}{4})$$

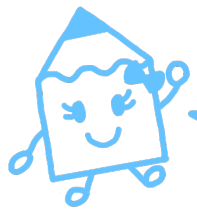
$$\textcircled{4} \quad 5 \times 1\frac{3}{10} = \frac{\cancel{5}^1 \times 13}{\cancel{10}_2} = \frac{1 \times 13}{2} = \frac{13}{2} (6\frac{1}{2})$$

$$\textcircled{5} \quad 3\frac{5}{6} \times 12 = \frac{23 \times \cancel{12}^2}{\cancel{6}_1} = 23 \times 2 = 46$$

$$\textcircled{6} \quad 6 \times 1\frac{1}{9} = \frac{\cancel{6}^2 \times 10}{\cancel{9}_3} = \frac{2 \times 10}{3} = \frac{20}{3} (6\frac{2}{3})$$

$$\textcircled{7} \quad 1\frac{3}{4} \times 12 = \frac{7 \times \cancel{12}^3}{\cancel{4}_1} = 7 \times 3 = 21$$





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● 整数と帯分数の積

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$$\textcircled{1} \quad 5 \times 1\frac{1}{4} = \frac{5 \times 5}{4} = \frac{25}{4} (6\frac{1}{4})$$

$$\textcircled{2} \quad 1\frac{2}{3} \times 4 = \frac{5 \times 4}{3} = \frac{20}{3} (6\frac{2}{3})$$

$$\textcircled{3} \quad 2 \times 1\frac{2}{9} = \frac{2 \times 11}{9} = \frac{22}{9} (2\frac{4}{9})$$

$$\textcircled{4} \quad 6 \times 1\frac{1}{9} = \frac{\cancel{6}^2 \times 10}{\cancel{9}_3} = \frac{2 \times 10}{3} = \frac{20}{3} (6\frac{2}{3})$$

$$\textcircled{5} \quad 1\frac{5}{8} \times 16 = \frac{13 \times \cancel{16}^2}{\cancel{8}_1} = 13 \times 2 = 26$$

$$\textcircled{6} \quad 8 \times 1\frac{1}{10} = \frac{\cancel{8}^4 \times 11}{\cancel{10}_5} = \frac{4 \times 11}{5} = \frac{44}{5} (8\frac{4}{5})$$

$$\textcircled{7} \quad 1\frac{2}{7} \times 14 = \frac{9 \times \cancel{14}^2}{\cancel{7}_1} = 9 \times 2 = 18$$





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$$\textcircled{1} \quad 6 \times 1\frac{2}{5} = \frac{6 \times 7}{5} = \frac{42}{5} (8\frac{2}{5})$$

$$\textcircled{2} \quad 1\frac{3}{4} \times 3 = \frac{7 \times 3}{4} = \frac{21}{4} (5\frac{1}{4})$$

$$\textcircled{3} \quad 3 \times 1\frac{2}{7} = \frac{3 \times 9}{7} = \frac{27}{7} (3\frac{6}{7})$$

$$\textcircled{4} \quad 6 \times 1\frac{3}{8} = \frac{\overset{3}{\cancel{6}} \times 11}{\underset{4}{\cancel{8}}} = \frac{3 \times 11}{4} = \frac{33}{4} (8\frac{1}{4})$$

$$\textcircled{5} \quad 1\frac{1}{9} \times 18 = \frac{10 \times \overset{2}{\cancel{18}}}{\underset{1}{\cancel{9}}} = 10 \times 2 = 20$$

$$\textcircled{6} \quad 8 \times 1\frac{1}{12} = \frac{\overset{2}{\cancel{8}} \times 13}{\underset{3}{\cancel{12}}} = \frac{2 \times 13}{3} = \frac{26}{3} (8\frac{2}{3})$$

$$\textcircled{7} \quad 1\frac{3}{4} \times 16 = \frac{7 \times \overset{4}{\cancel{16}}}{\underset{1}{\cancel{4}}} = 7 \times 4 = 28$$





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$$\textcircled{1} \quad 3 \times 1\frac{4}{9} = \frac{\cancel{3}^1 \times 13}{\cancel{9}_3} = \frac{1 \times 13}{3} = \frac{13}{3} (4\frac{1}{3})$$

$$\textcircled{2} \quad 4 \times 1\frac{2}{7} = \frac{4 \times 9}{7} = \frac{36}{7} (5\frac{1}{7})$$

$$\textcircled{3} \quad 8 \times 1\frac{1}{6} = \frac{\cancel{8}^4 \times 7}{\cancel{6}_3} = \frac{4 \times 7}{3} = \frac{28}{3} (9\frac{1}{3})$$

$$\textcircled{4} \quad 7 \times 1\frac{1}{9} = \frac{7 \times 10}{9} = \frac{70}{9} (7\frac{7}{9})$$

$$\textcircled{5} \quad 2\frac{5}{8} \times 16 = \frac{21 \times \cancel{16}^2}{\cancel{8}_1} = 21 \times 2 = 42$$

$$\textcircled{6} \quad 3 \times 1\frac{3}{8} = \frac{3 \times 11}{8} = \frac{33}{8} (4\frac{1}{8})$$

$$\textcircled{7} \quad 1\frac{3}{10} \times 6 = \frac{13 \times \cancel{6}^3}{\cancel{10}_5} = \frac{13 \times 3}{5} = \frac{39}{5} (7\frac{4}{5})$$





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

$$\textcircled{2} \quad 3 \times 1\frac{2}{5} = \frac{3 \times 7}{5} = \frac{21}{5} \left(4\frac{1}{5} \right)$$

$$\textcircled{3} \quad 6 \times 1\frac{3}{8} = \frac{\cancel{6}^3 \times 11}{8_4} = \frac{3 \times 11}{4} = \frac{33}{4} \left(8\frac{1}{4} \right)$$

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

$$\textcircled{5} \quad 2\frac{1}{3} \times 15 = \frac{7 \times \cancel{15}^5}{3_1} = 7 \times 5 = 35$$

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

$$\textcircled{7} \quad 1\frac{1}{8} \times 6 = \frac{9 \times \cancel{6}^3}{8_4} = \frac{9 \times 3}{4} = \frac{27}{4} \left(6\frac{3}{4} \right)$$





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

$$\textcircled{2} \quad 2 \times 2\frac{2}{3} = \frac{2 \times 8}{3} = \frac{16}{3} \left(5\frac{1}{3} \right)$$

$$\textcircled{3} \quad 9 \times 1\frac{2}{3} = \frac{\cancel{9}^3 \times 5}{\cancel{3}_1} = 3 \times 5 = 15$$

$$\textcircled{4} \quad 5 \times 1\frac{1}{10} = \frac{\cancel{5}^1 \times 11}{\cancel{10}_2} = \frac{1 \times 11}{2} = \frac{11}{2} \left(5\frac{1}{2} \right)$$

$$\textcircled{5} \quad 1\frac{5}{6} \times 18 = \frac{11 \times \cancel{18}^3}{\cancel{6}_1} = 11 \times 3 = 33$$

$$\textcircled{6} \quad 2 \times 1\frac{3}{7} = \frac{2 \times 10}{7} = \frac{20}{7} \left(2\frac{6}{7} \right)$$

$$\textcircled{7} \quad 1\frac{1}{12} \times 8 = \frac{13 \times \cancel{8}^2}{\cancel{12}_3} = \frac{13 \times 2}{3} = \frac{26}{3} \left(8\frac{2}{3} \right)$$





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・ 次の計算をしましょう。

$$\textcircled{1} \quad 4 \times 1\frac{5}{8} = \frac{\cancel{4}^1 \times 13}{\cancel{8}_2} = \frac{1 \times 13}{2} = \frac{13}{2} \left(6\frac{1}{2} \right)$$

$$\textcircled{2} \quad 3 \times 2\frac{1}{4} = \frac{3 \times 9}{4} = \frac{27}{4} \left(6\frac{3}{4} \right)$$

$$\textcircled{3} \quad 4 \times 2\frac{1}{8} = \frac{\cancel{4}^1 \times 17}{\cancel{8}_2} = \frac{1 \times 17}{2} = \frac{17}{2} \left(8\frac{1}{2} \right)$$

$$\textcircled{4} \quad 6 \times 1\frac{2}{9} = \frac{\cancel{6}^2 \times 11}{\cancel{9}_3} = \frac{2 \times 11}{3} = \frac{22}{3} \left(7\frac{1}{3} \right)$$

$$\textcircled{5} \quad 1\frac{3}{7} \times 14 = \frac{10 \times \cancel{14}^2}{\cancel{7}_1} = 10 \times 2 = 20$$

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

$$\textcircled{7} \quad 1\frac{1}{8} \times 24 = \frac{9 \times \cancel{24}^3}{\cancel{8}_1} = 9 \times 3 = 27$$





分数のかけ算 8

◎ 整数と帯分数の積



日にち： 月 日

名まえ _____

・ 次の計算をしましょう。

$$\textcircled{1} \quad 3 \times 1\frac{5}{9} = \frac{\overset{1}{\cancel{3}} \times 14}{\underset{3}{\cancel{9}}} = \frac{1 \times 14}{3} = \frac{14}{3} \left(4\frac{2}{3} \right)$$

$$\textcircled{2} \quad 5 \times 1\frac{5}{6} = \frac{5 \times 11}{6} = \frac{55}{6} \left(9\frac{1}{6} \right)$$

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

$$\textcircled{4} \quad 9 \times 1\frac{1}{12} = \frac{\overset{3}{\cancel{9}} \times 13}{\underset{4}{\cancel{12}}} = \frac{3 \times 13}{4} = \frac{39}{4} \left(9\frac{3}{4} \right)$$

$$\textcircled{5} \quad 1\frac{2}{7} \times 21 = \frac{9 \times \overset{3}{\cancel{21}}}{\underset{1}{\cancel{7}}} = 9 \times 3 = 27$$

$$\textcircled{6} \quad 7 \times 1\frac{1}{6} = \frac{7 \times 7}{6} = \frac{49}{6} \left(8\frac{1}{6} \right)$$

$$\textcircled{7} \quad 1\frac{2}{3} \times 15 = \frac{5 \times \overset{5}{\cancel{15}}}{\underset{1}{\cancel{3}}} = 5 \times 5 = 25$$





分数のかけ算 8

● 整数と帯分数の積



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・ 次の計算をしましょう。

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

$$\textcircled{2} \quad 1\frac{5}{8} \times 4 = \frac{13 \times \cancel{4}^1}{\cancel{8}_2} = \frac{13 \times 1}{2} = \frac{13}{2} (6\frac{1}{2})$$

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

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

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

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

$$\textcircled{7} \quad 1\frac{1}{15} \times 9 = \frac{16 \times \cancel{9}^3}{\cancel{15}_5} = \frac{16 \times 3}{5} = \frac{48}{5} (9\frac{3}{5})$$





分数のかけ算 8

◎ 整数と帯分数の積



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・ 次の計算をしましょう。

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

$$\textcircled{2} \quad 1\frac{1}{8} \times 2 = \frac{\cancel{9}^1 \times \cancel{2}_4}{8_4} = \frac{9 \times 1}{4} = \frac{9}{4} (2\frac{1}{4})$$

$$\textcircled{3} \quad 1\frac{3}{7} \times \frac{5}{6} = \frac{\cancel{10}^5 \times 5}{7 \times \cancel{6}_3} = \frac{5 \times 5}{7 \times 3} = \frac{25}{21} (1\frac{4}{21})$$

$$\textcircled{4} \quad 3 \times 2\frac{1}{6} = \frac{\cancel{3}_3^1 \times 13}{6_2} = \frac{1 \times 13}{2} = \frac{13}{2} (6\frac{1}{2})$$

$$\textcircled{5} \quad \frac{1}{2} \times 2\frac{2}{3} = \frac{1 \times \cancel{8}_4}{\cancel{2}_1 \times 3} = \frac{1 \times 4}{1 \times 3} = \frac{4}{3} (1\frac{1}{3})$$

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

$$\textcircled{7} \quad 1\frac{1}{3} \times 9 = \frac{4 \times \cancel{9}_3^3}{3_1} = 4 \times 3 = 12$$





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◎ 整数と帯分数の積



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・ 次の計算をしましょう。

$$\textcircled{1} \quad 3 \times 2\frac{1}{4} = \frac{3 \times 9}{4} = \frac{27}{4} \left(6\frac{3}{4} \right)$$

$$\textcircled{2} \quad 1\frac{3}{8} \times 4 = \frac{11 \times \cancel{4}^1}{\cancel{8}_2} = \frac{11 \times 1}{2} = \frac{11}{2} \left(5\frac{1}{2} \right)$$

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

$$\textcircled{4} \quad 4 \times 2\frac{1}{8} = \frac{\cancel{4}^1 \times 17}{\cancel{8}_2} = \frac{1 \times 17}{2} = \frac{17}{2} \left(8\frac{1}{2} \right)$$

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

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

$$\textcircled{7} \quad 2\frac{1}{3} \times 12 = \frac{7 \times \cancel{12}^4}{\cancel{3}_1} = 7 \times 4 = 28$$





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◎ 整数と帯分数の積



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・ 次の計算をしましょう。

$$\textcircled{1} \quad 6 \times 1\frac{3}{5} = \frac{6 \times 8}{5} = \frac{48}{5} \left(9\frac{3}{5} \right)$$

$$\textcircled{2} \quad 1\frac{3}{10} \times 5 = \frac{13 \times \overset{1}{\cancel{5}}}{\underset{2}{\cancel{10}}} = \frac{13 \times 1}{2} = \frac{13}{2} \left(6\frac{1}{2} \right)$$

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

$$\textcircled{4} \quad 3 \times 1\frac{5}{9} = \frac{\overset{1}{\cancel{3}} \times 14}{\underset{3}{\cancel{9}}} = \frac{1 \times 14}{3} = \frac{14}{3} \left(4\frac{2}{3} \right)$$

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

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

$$\textcircled{7} \quad 1\frac{4}{5} \times 15 = \frac{9 \times \overset{3}{\cancel{15}}}{\underset{1}{\cancel{5}}} = 9 \times 3 = 27$$





分数のかけ算 8

◎ 整数と帯分数の積



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・ 次の計算をしましょう。

$$\textcircled{1} \quad 3 \times 1\frac{2}{5} = \frac{3 \times 7}{5} = \frac{21}{5} \left(4\frac{1}{5} \right)$$

$$\textcircled{2} \quad 1\frac{5}{8} \times 6 = \frac{13 \times \overset{3}{\cancel{6}}}{\underset{4}{\cancel{8}}} = \frac{13 \times 3}{4} = \frac{39}{4} \left(9\frac{3}{4} \right)$$

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

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

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

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

$$\textcircled{7} \quad 2\frac{2}{5} \times 15 = \frac{12 \times \overset{3}{\cancel{15}}}{\underset{1}{\cancel{5}}} = 12 \times 3 = 36$$





分数のかけ算 8

◎ 整数と帯分数の積

15

目指せ80点!



名まえ

・ 次の計算をしましょう。(各20点)

$$\textcircled{1} \quad 5 \times 1\frac{4}{7} = \frac{5 \times 11}{7} = \frac{55}{7} \left(7\frac{6}{7} \right)$$

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

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

$$\textcircled{4} \quad 6 \times 1\frac{1}{9} = \frac{\cancel{6}^2 \times 10}{\cancel{9}_3} = \frac{2 \times 10}{3} = \frac{20}{3} \left(6\frac{2}{3} \right)$$

$$\textcircled{5} \quad 1\frac{5}{9} \times 3 = \frac{14 \times \cancel{3}^1}{\cancel{9}_3} = \frac{14 \times 1}{3} = \frac{14}{3} \left(4\frac{2}{3} \right)$$





分数のかけ算 8

● 整数と帯分数の積

16

目指せ80点!



名まえ

・ 次の計算をしましょう。(各20点)

$$\textcircled{1} \quad 4 \times 1\frac{2}{7} = \frac{4 \times 9}{7} = \frac{36}{7} (5\frac{1}{7})$$

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

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

$$\textcircled{4} \quad 14 \times 4\frac{2}{7} = \frac{\cancel{14}^2 \times 30}{\cancel{7}_1} = 2 \times 30 = 60$$

$$\textcircled{5} \quad 1\frac{1}{9} \times 6 = \frac{10 \times \cancel{6}^2}{\cancel{9}_3} = \frac{10 \times 2}{3} = \frac{20}{3} (6\frac{2}{3})$$

