

1 次の計算をなさい。

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

$$\textcircled{2} \quad \frac{5x-2}{4} \times (-8)$$

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

$$\textcircled{4} \quad (-10) \times \frac{4x-3}{5}$$

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

$$\textcircled{6} \quad \frac{5x+7}{2} \times (-6)$$

$$\textcircled{7} \quad 9 \times \frac{-2x+8}{3}$$

$$\textcircled{8} \quad (-15) \times \frac{-3x-2}{5}$$

1 次の計算をなさい。

$$\begin{aligned} \textcircled{1} \quad & \frac{3x+5}{2} \times 4 \\ &= \frac{(3x+5) \times \overset{2}{\cancel{4}}}{\underset{1}{\cancel{2}}} \\ &= (3x+5) \times 2 \\ &= 6x+10 \end{aligned}$$

$$\begin{aligned} \textcircled{2} \quad & \frac{5x-2}{4} \times (-8) \\ &= \frac{(5x-2) \times \overset{2}{\cancel{8}}}{\underset{1}{\cancel{4}}} \\ &= (5x-2) \times (-2) \\ &= -10x+4 \end{aligned}$$

$$\begin{aligned} \textcircled{3} \quad & 9 \times \frac{5x+2}{3} \\ &= \frac{\overset{3}{\cancel{9}} \times (5x+2)}{\underset{1}{\cancel{3}}} \\ &= 3 \times (5x+2) \\ &= 15x+6 \end{aligned}$$

$$\begin{aligned} \textcircled{4} \quad & (-10) \times \frac{4x-3}{5} \\ &= \frac{-\overset{2}{\cancel{10}} \times (4x-3)}{\underset{1}{\cancel{5}}} \\ &= -2 \times (4x-3) \\ &= -8x+6 \end{aligned}$$

$$\begin{aligned} \textcircled{5} \quad & \frac{3x-5}{4} \times 12 \\ &= \frac{(3x-5) \times \overset{3}{\cancel{12}}}{\underset{1}{\cancel{4}}} \\ &= (3x-5) \times 3 \\ &= 9x-15 \end{aligned}$$

$$\begin{aligned} \textcircled{6} \quad & \frac{5x+7}{2} \times (-6) \\ &= \frac{(5x+7) \times \overset{3}{\cancel{6}}}{\underset{1}{\cancel{2}}} \\ &= (5x+7) \times (-3) \\ &= -15x-21 \end{aligned}$$

$$\begin{aligned} \textcircled{7} \quad & 9 \times \frac{-2x+8}{3} \\ &= \frac{\overset{3}{\cancel{9}} \times (-2x+8)}{\underset{1}{\cancel{3}}} \\ &= 3 \times (-2x+8) \\ &= -6x+24 \end{aligned}$$

$$\begin{aligned} \textcircled{8} \quad & (-15) \times \frac{-3x-2}{5} \\ &= \frac{-\overset{3}{\cancel{15}} \times (-3x-2)}{\underset{1}{\cancel{5}}} \\ &= -3 \times (-3x-2) \\ &= 9x+6 \end{aligned}$$