

1 次の計算をなさい。

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

$$\textcircled{2} \quad \frac{2x-4}{3} \times (-9)$$

$$\textcircled{3} \quad 8 \times \frac{5x+1}{4}$$

$$\textcircled{4} \quad (-15) \times \frac{3x-2}{5}$$

$$\textcircled{5} \quad \frac{5x-9}{4} \times 12$$

$$\textcircled{6} \quad \frac{7x+3}{2} \times (-8)$$

$$\textcircled{7} \quad 6 \times \frac{-2x+8}{3}$$

$$\textcircled{8} \quad (-20) \times \frac{-6x-4}{5}$$

1 次の計算をなさい。

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

$$\begin{aligned} \textcircled{2} \quad & \frac{2x-4}{3} \times (-9) \\ &= \frac{(2x-4) \times (-\overset{3}{\cancel{9}})}{\underset{1}{\cancel{3}}} \\ &= (2x-4) \times (-3) \\ &= -6x+12 \end{aligned}$$

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

$$\begin{aligned} \textcircled{4} \quad & (-15) \times \frac{3x-2}{5} \\ &= \frac{-\overset{3}{\cancel{15}} \times (3x-2)}{\underset{1}{\cancel{5}}} \\ &= -3 \times (3x-2) \\ &= -9x+6 \end{aligned}$$

$$\begin{aligned} \textcircled{5} \quad & \frac{5x-9}{4} \times 12 \\ &= \frac{(5x-9) \times \overset{3}{\cancel{12}}}{\underset{1}{\cancel{4}}} \\ &= (5x-9) \times 3 \\ &= 15x-27 \end{aligned}$$

$$\begin{aligned} \textcircled{6} \quad & \frac{7x+3}{2} \times (-8) \\ &= \frac{(7x+3) \times (-\overset{4}{\cancel{8}})}{\underset{1}{\cancel{2}}} \\ &= (7x+3) \times (-4) \\ &= -28x-12 \end{aligned}$$

$$\begin{aligned} \textcircled{7} \quad & 6 \times \frac{-2x+8}{3} \\ &= \frac{\overset{2}{\cancel{6}} \times (-2x+8)}{\underset{1}{\cancel{3}}} \\ &= 2 \times (-2x+8) \\ &= -4x+16 \end{aligned}$$

$$\begin{aligned} \textcircled{8} \quad & (-20) \times \frac{-6x-4}{5} \\ &= \frac{-\overset{4}{\cancel{20}} \times (-6x-4)}{\underset{1}{\cancel{5}}} \\ &= -4 \times (-6x-4) \\ &= 24x+16 \end{aligned}$$