

1 次の計算をなさい。

$$\textcircled{1} \quad \frac{2x+7}{3} \times 9$$

$$\textcircled{2} \quad \frac{3x-1}{4} \times (-8)$$

$$\textcircled{3} \quad 6 \times \frac{4x+3}{2}$$

$$\textcircled{4} \quad (-15) \times \frac{2x-6}{5}$$

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

$$\textcircled{6} \quad \frac{4x+8}{3} \times (-9)$$

$$\textcircled{7} \quad 8 \times \frac{-3x+5}{4}$$

$$\textcircled{8} \quad (-20) \times \frac{-2x-8}{5}$$

1 次の計算をなさい。

$$\begin{aligned} \textcircled{1} \quad & \frac{2x+7}{3} \times 9 \\ &= \frac{(2x+7) \times \overset{3}{\cancel{9}}}{\underset{1}{\cancel{3}}} \\ &= (2x+7) \times 3 \\ &= 6x+21 \end{aligned}$$

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

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

$$\begin{aligned} \textcircled{4} \quad & (-15) \times \frac{2x-6}{5} \\ &= \frac{-\overset{3}{\cancel{15}} \times (2x-6)}{\underset{1}{\cancel{5}}} \\ &= -3 \times (2x-6) \\ &= -6x+18 \end{aligned}$$

$$\begin{aligned} \textcircled{5} \quad & \frac{7x-5}{2} \times 16 \\ &= \frac{(7x-5) \times \overset{8}{\cancel{16}}}{\underset{1}{\cancel{2}}} \\ &= (7x-5) \times 8 \\ &= 56x-40 \end{aligned}$$

$$\begin{aligned} \textcircled{6} \quad & \frac{4x+8}{3} \times (-9) \\ &= \frac{(4x+8) \times \overset{3}{\cancel{-9}}}{\underset{1}{\cancel{3}}} \\ &= (4x+8) \times (-3) \\ &= -12x-24 \end{aligned}$$

$$\begin{aligned} \textcircled{7} \quad & 8 \times \frac{-3x+5}{4} \\ &= \frac{\overset{2}{\cancel{8}} \times (-3x+5)}{\underset{1}{\cancel{4}}} \\ &= 2 \times (-3x+5) \\ &= -6x+10 \end{aligned}$$

$$\begin{aligned} \textcircled{8} \quad & (-20) \times \frac{-2x-8}{5} \\ &= \frac{-\overset{4}{\cancel{20}} \times (-2x-8)}{\underset{1}{\cancel{5}}} \\ &= -4 \times (-2x-8) \\ &= 8x+32 \end{aligned}$$