

1 次の計算をなさい。

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

$$\textcircled{2} \quad \frac{7x-3}{2} \times (-4)$$

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

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

$$\textcircled{5} \quad \frac{3x-5}{4} \times 20$$

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

$$\textcircled{7} \quad 8 \times \frac{-5x+7}{2}$$

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

1 次の計算をなさい。

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

$$\begin{aligned} \textcircled{2} \quad & \frac{7x-3}{2} \times (-4) \\ &= \frac{(7x-3) \times \overset{2}{\cancel{-4}}}{\underset{1}{\cancel{2}}} \\ &= (7x-3) \times (-2) \\ &= -14x+6 \end{aligned}$$

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

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

$$\begin{aligned} \textcircled{5} \quad & \frac{3x-5}{4} \times 20 \\ &= \frac{(3x-5) \times \overset{5}{\cancel{20}}}{\underset{1}{\cancel{4}}} \\ &= (3x-5) \times 5 \\ &= 15x-25 \end{aligned}$$

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

$$\begin{aligned} \textcircled{7} \quad & 8 \times \frac{-5x+7}{2} \\ &= \frac{\overset{4}{\cancel{8}} \times (-5x+7)}{\underset{1}{\cancel{2}}} \\ &= 4 \times (-5x+7) \\ &= -20x+28 \end{aligned}$$

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