

1 次の計算をなさい。

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

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

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

$$\textcircled{4} \quad (-10) \times \frac{7x-4}{5}$$

$$\textcircled{5} \quad \frac{4x-7}{3} \times 15$$

$$\textcircled{6} \quad \frac{5x+7}{2} \times (-4)$$

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

$$\textcircled{8} \quad (-25) \times \frac{-4x-3}{5}$$

1 次の計算をなさい。

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

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

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

$$\begin{aligned} \textcircled{4} \quad & (-10) \times \frac{7x-4}{5} \\ & = \frac{-\overset{2}{\cancel{10}} \times (7x-4)}{\underset{1}{\cancel{5}}} \\ & = -2 \times (7x-4) \\ & = -14x+8 \end{aligned}$$

$$\begin{aligned} \textcircled{5} \quad & \frac{4x-7}{3} \times 15 \\ & = \frac{(4x-7) \times \overset{5}{\cancel{15}}}{\underset{1}{\cancel{3}}} \\ & = (4x-7) \times 5 \\ & = 20x-35 \end{aligned}$$

$$\begin{aligned} \textcircled{6} \quad & \frac{5x+7}{2} \times (-4) \\ & = \frac{(5x+7) \times \overset{2}{\cancel{-4}}}{\underset{1}{\cancel{2}}} \\ & = (5x+7) \times (-2) \\ & = -10x-14 \end{aligned}$$

$$\begin{aligned} \textcircled{7} \quad & 8 \times \frac{-5x+7}{4} \\ & = \frac{\overset{2}{\cancel{8}} \times (-5x+7)}{\underset{1}{\cancel{4}}} \\ & = 2 \times (-5x+7) \\ & = -10x+14 \end{aligned}$$

$$\begin{aligned} \textcircled{8} \quad & (-25) \times \frac{-4x-3}{5} \\ & = \frac{-\overset{5}{\cancel{25}} \times (-4x-3)}{\underset{1}{\cancel{5}}} \\ & = -5 \times (-4x-3) \\ & = 20x+15 \end{aligned}$$