

1 次の計算をなさい。

① $(15x + 40y) \div 5$

② $(16x - 20y) \div 4$

③ $(15x + 6y) \div (-3)$

④ $(-45x + 54y) \div (-9)$

⑤ $(56x + 48y - 64) \div 8$

⑥ $(-18x + 10y - 4) \div 2$

⑦ $(12x - 6y + 18) \div (-3)$

⑧ $(-12x - 48y + 30) \div (-6)$

1 次の計算をなさい。

$$\textcircled{1} \quad (15x + 40y) \div 5$$

$$\begin{aligned} &= (15x + 40y) \times \frac{1}{5} \\ &= \frac{15x}{5} + \frac{40y}{5} \\ &= 3x + 8y \end{aligned}$$

$$\textcircled{2} \quad (16x - 20y) \div 4$$

$$\begin{aligned} &= (16x - 20y) \times \frac{1}{4} \\ &= \frac{16x}{4} - \frac{20y}{4} \\ &= 4x - 5y \end{aligned}$$

$$\textcircled{3} \quad (15x + 6y) \div (-3)$$

$$\begin{aligned} &= (15x + 6y) \times \left(-\frac{1}{3}\right) \\ &= -\frac{15x}{3} - \frac{6y}{3} \\ &= -5x - 2y \end{aligned}$$

$$\textcircled{4} \quad (-45x + 54y) \div (-9)$$

$$\begin{aligned} &= (-45x + 54y) \times \left(-\frac{1}{9}\right) \\ &= \frac{45x}{9} - \frac{54y}{9} \\ &= 5x - 6y \end{aligned}$$

$$\textcircled{5} \quad (56x + 48y - 64) \div 8$$

$$\begin{aligned} &= (56x + 48y - 64) \times \frac{1}{8} \\ &= \frac{56x}{8} + \frac{48y}{8} - \frac{64}{8} \\ &= 7x + 6y - 8 \end{aligned}$$

$$\textcircled{6} \quad (-18x + 10y - 4) \div 2$$

$$\begin{aligned} &= (-18x + 10y - 4) \times \frac{1}{2} \\ &= -\frac{18x}{2} + \frac{10y}{2} - \frac{4}{2} \\ &= -9x + 5y - 2 \end{aligned}$$

$$\textcircled{7} \quad (12x - 6y + 18) \div (-3)$$

$$\begin{aligned} &= (12x - 6y + 18) \times \left(-\frac{1}{3}\right) \\ &= -\frac{12x}{3} + \frac{6y}{3} - \frac{18}{3} \\ &= -4x + 2y - 6 \end{aligned}$$

$$\textcircled{8} \quad (-12x - 48y + 30) \div (-6)$$

$$\begin{aligned} &= (-12x - 48y + 30) \times \left(-\frac{1}{6}\right) \\ &= \frac{12x}{6} + \frac{48y}{6} - \frac{30}{6} \\ &= 2x + 8y - 5 \end{aligned}$$