

1 次の計算をなさい。

①  $(16x + 6y) \div 2$

②  $(24x - 32y) \div 4$

③  $(18x + 27y) \div (-9)$

④  $(-30x + 48y) \div (-6)$

⑤  $(42x + 56y - 28) \div 7$

⑥  $(-21x + 6y - 18) \div 3$

⑦  $(16x - 48y + 32) \div (-8)$

⑧  $(-4x - 10y + 8) \div (-2)$

1 次の計算をなさい。

$$\textcircled{1} \quad (16x + 6y) \div 2$$

$$\begin{aligned} &= (16x + 6y) \times \frac{1}{2} \\ &= \frac{16x}{2} + \frac{6y}{2} \\ &= 8x + 3y \end{aligned}$$

$$\textcircled{2} \quad (24x - 32y) \div 4$$

$$\begin{aligned} &= (24x - 32y) \times \frac{1}{4} \\ &= \frac{24x}{4} - \frac{32y}{4} \\ &= 6x - 8y \end{aligned}$$

$$\textcircled{3} \quad (18x + 27y) \div (-9)$$

$$\begin{aligned} &= (18x + 27y) \times \left(-\frac{1}{9}\right) \\ &= -\frac{18x}{9} - \frac{27y}{9} \\ &= -2x - 3y \end{aligned}$$

$$\textcircled{4} \quad (-30x + 48y) \div (-6)$$

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

$$\textcircled{5} \quad (42x + 56y - 28) \div 7$$

$$\begin{aligned} &= (42x + 56y - 28) \times \frac{1}{7} \\ &= \frac{42x}{7} + \frac{56y}{7} - \frac{28}{7} \\ &= 6x + 8y - 4 \end{aligned}$$

$$\textcircled{6} \quad (-21x + 6y - 18) \div 3$$

$$\begin{aligned} &= (-21x + 6y - 18) \times \frac{1}{3} \\ &= -\frac{21x}{3} + \frac{6y}{3} - \frac{18}{3} \\ &= -7x + 2y - 6 \end{aligned}$$

$$\textcircled{7} \quad (16x - 48y + 32) \div (-8)$$

$$\begin{aligned} &= (16x - 48y + 32) \times \left(-\frac{1}{8}\right) \\ &= -\frac{16x}{8} + \frac{48y}{8} - \frac{32}{8} \\ &= -2x + 6y - 4 \end{aligned}$$

$$\textcircled{8} \quad (-4x - 10y + 8) \div (-2)$$

$$\begin{aligned} &= (-4x - 10y + 8) \times \left(-\frac{1}{2}\right) \\ &= \frac{4x}{2} + \frac{10y}{2} - \frac{8}{2} \\ &= 2x + 5y - 4 \end{aligned}$$