

1 次の計算をなさい。

①  $(42x + 35y) \div 7$

②  $(24x - 18y) \div 6$

③  $(40x + 35y) \div (-5)$

④  $(-8x + 24y) \div (-4)$

⑤  $(36x + 18y - 27) \div 9$

⑥  $(-63x + 35y - 49) \div 7$

⑦  $(24x - 6y + 9) \div (-3)$

⑧  $(-16x - 32y + 72) \div (-8)$

1 次の計算をなさい。

$$\textcircled{1} \quad (42x + 35y) \div 7$$

$$\begin{aligned} &= (42x + 35y) \times \frac{1}{7} \\ &= \frac{42x}{7} + \frac{35y}{7} \\ &= 6x + 5y \end{aligned}$$

$$\textcircled{2} \quad (24x - 18y) \div 6$$

$$\begin{aligned} &= (24x - 18y) \times \frac{1}{6} \\ &= \frac{24x}{6} - \frac{18y}{6} \\ &= 4x - 3y \end{aligned}$$

$$\textcircled{3} \quad (40x + 35y) \div (-5)$$

$$\begin{aligned} &= (40x + 35y) \times \left(-\frac{1}{5}\right) \\ &= -\frac{40x}{5} - \frac{35y}{5} \\ &= -8x - 7y \end{aligned}$$

$$\textcircled{4} \quad (-8x + 24y) \div (-4)$$

$$\begin{aligned} &= (-8x + 24y) \times \left(-\frac{1}{4}\right) \\ &= \frac{8x}{4} - \frac{24y}{4} \\ &= 2x - 6y \end{aligned}$$

$$\textcircled{5} \quad (36x + 18y - 27) \div 9$$

$$\begin{aligned} &= (36x + 18y - 27) \times \frac{1}{9} \\ &= \frac{36x}{9} + \frac{18y}{9} - \frac{27}{9} \\ &= 4x + 2y - 3 \end{aligned}$$

$$\textcircled{6} \quad (-63x + 35y - 49) \div 7$$

$$\begin{aligned} &= (-63x + 35y - 49) \times \frac{1}{7} \\ &= -\frac{63x}{7} + \frac{35y}{7} - \frac{49}{7} \\ &= -9x + 5y - 7 \end{aligned}$$

$$\textcircled{7} \quad (24x - 6y + 9) \div (-3)$$

$$\begin{aligned} &= (24x - 6y + 9) \times \left(-\frac{1}{3}\right) \\ &= -\frac{24x}{3} + \frac{6y}{3} - \frac{9}{3} \\ &= -8x + 2y - 3 \end{aligned}$$

$$\textcircled{8} \quad (-16x - 32y + 72) \div (-8)$$

$$\begin{aligned} &= (-16x - 32y + 72) \times \left(-\frac{1}{8}\right) \\ &= \frac{16x}{8} + \frac{32y}{8} - \frac{72}{8} \\ &= 2x + 4y - 9 \end{aligned}$$