

1 次の計算をなさい。

①  $(20x + 32y) \div 4$

②  $(30x - 15y) \div 5$

③  $(40x + 72y) \div (-8)$

④  $(-4x + 12y) \div (-2)$

⑤  $(14x + 63y - 35) \div 7$

⑥  $(-24x + 12y - 30) \div 6$

⑦  $(63x - 54y + 18) \div (-9)$

⑧  $(-40x - 10y + 25) \div (-5)$

1 次の計算をなさい。

$$\begin{aligned} \textcircled{1} \quad (20x + 32y) \div 4 \\ &= (20x + 32y) \times \frac{1}{4} \\ &= \frac{20x}{4} + \frac{32y}{4} \\ &= 5x + 8y \end{aligned}$$

$$\begin{aligned} \textcircled{2} \quad (30x - 15y) \div 5 \\ &= (30x - 15y) \times \frac{1}{5} \\ &= \frac{30x}{5} - \frac{15y}{5} \\ &= 6x - 3y \end{aligned}$$

$$\begin{aligned} \textcircled{3} \quad (40x + 72y) \div (-8) \\ &= (40x + 72y) \times \left(-\frac{1}{8}\right) \\ &= -\frac{40x}{8} - \frac{72y}{8} \\ &= -5x - 9y \end{aligned}$$

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

$$\begin{aligned} \textcircled{5} \quad (14x + 63y - 35) \div 7 \\ &= (14x + 63y - 35) \times \frac{1}{7} \\ &= \frac{14x}{7} + \frac{63y}{7} - \frac{35}{7} \\ &= 2x + 9y - 5 \end{aligned}$$

$$\begin{aligned} \textcircled{6} \quad (-24x + 12y - 30) \div 6 \\ &= (-24x + 12y - 30) \times \frac{1}{6} \\ &= -\frac{24x}{6} + \frac{12y}{6} - \frac{30}{6} \\ &= -4x + 2y - 5 \end{aligned}$$

$$\begin{aligned} \textcircled{7} \quad (63x - 54y + 18) \div (-9) \\ &= (63x - 54y + 18) \times \left(-\frac{1}{9}\right) \\ &= -\frac{63x}{9} + \frac{54y}{9} - \frac{18}{9} \\ &= -7x + 6y - 2 \end{aligned}$$

$$\begin{aligned} \textcircled{8} \quad (-40x - 10y + 25) \div (-5) \\ &= (-40x - 10y + 25) \times \left(-\frac{1}{5}\right) \\ &= \frac{40x}{5} + \frac{10y}{5} - \frac{25}{5} \\ &= 8x + 2y - 5 \end{aligned}$$