

多項式と数の乗法

次の計算をしましょう。

$$\textcircled{1} \quad 4 (9x + 8y + 4)$$

$$\textcircled{2} \quad 5 (5x - 2y + 3)$$

$$\textcircled{3} \quad 7 (9x - 4y - 8)$$

$$\textcircled{4} \quad 8 (7x - 5y - 4)$$

$$\textcircled{5} \quad 8 (6x - 3y + 7)$$

$$\textcircled{6} \quad 4 (3x + 8y - 7)$$

$$\textcircled{7} \quad 2 (3x + 3y - 8)$$

$$\textcircled{8} \quad 2 (5x + 4y + 4)$$

$$\textcircled{9} \quad 7 (2x - 2y + 9)$$

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

多項式と数の乗法

次の計算をしましょう。

$$\begin{aligned} \textcircled{1} \quad & 4 (9x + 8y + 4) \\ = & 36x + 32y + 16 \end{aligned}$$

$$\begin{aligned} \textcircled{2} \quad & 5 (5x - 2y + 3) \\ = & 25x - 10y + 15 \end{aligned}$$

$$\begin{aligned} \textcircled{3} \quad & 7 (9x - 4y - 8) \\ = & 63x - 28y - 56 \end{aligned}$$

$$\begin{aligned} \textcircled{4} \quad & 8 (7x - 5y - 4) \\ = & 56x - 40y - 32 \end{aligned}$$

$$\begin{aligned} \textcircled{5} \quad & 8 (6x - 3y + 7) \\ = & 48x - 24y + 56 \end{aligned}$$

$$\begin{aligned} \textcircled{6} \quad & 4 (3x + 8y - 7) \\ = & 12x + 32y - 28 \end{aligned}$$

$$\begin{aligned} \textcircled{7} \quad & 2 (3x + 3y - 8) \\ = & 6x + 6y - 16 \end{aligned}$$

$$\begin{aligned} \textcircled{8} \quad & 2 (5x + 4y + 4) \\ = & 10x + 8y + 8 \end{aligned}$$

$$\begin{aligned} \textcircled{9} \quad & 7 (2x - 2y + 9) \\ = & 14x - 14y + 63 \end{aligned}$$

$$\begin{aligned} \textcircled{10} \quad & 8 (2x + 8y + 8) \\ = & 16x + 64y + 64 \end{aligned}$$