

多項式と数の乗法

次の計算をしましょう。

$$\textcircled{1} \quad 4 (9x + 7y - 5)$$

$$\textcircled{2} \quad 5 (9x - 9y - 6)$$

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

$$\textcircled{4} \quad 2 (5x + 3y + 2)$$

$$\textcircled{5} \quad 5 (6x - 2y + 2)$$

$$\textcircled{6} \quad 3 (4x + 6y - 5)$$

$$\textcircled{7} \quad 5 (4x - 6y - 4)$$

$$\textcircled{8} \quad 6 (7x - 2y - 3)$$

$$\textcircled{9} \quad 6 (3x - 2y + 2)$$

$$\textcircled{10} \quad 7 (4x + 6y + 9)$$

多項式と数の乗法

次の計算をしましょう。

$$\begin{aligned} \textcircled{1} \quad & 4 (9x + 7y - 5) \\ = & 36x + 28y - 20 \end{aligned}$$

$$\begin{aligned} \textcircled{2} \quad & 5 (9x - 9y - 6) \\ = & 45x - 45y - 30 \end{aligned}$$

$$\begin{aligned} \textcircled{3} \quad & 6 (4x - 6y + 8) \\ = & 24x - 36y + 48 \end{aligned}$$

$$\begin{aligned} \textcircled{4} \quad & 2 (5x + 3y + 2) \\ = & 10x + 6y + 4 \end{aligned}$$

$$\begin{aligned} \textcircled{5} \quad & 5 (6x - 2y + 2) \\ = & 30x - 10y + 10 \end{aligned}$$

$$\begin{aligned} \textcircled{6} \quad & 3 (4x + 6y - 5) \\ = & 12x + 18y - 15 \end{aligned}$$

$$\begin{aligned} \textcircled{7} \quad & 5 (4x - 6y - 4) \\ = & 20x - 30y - 20 \end{aligned}$$

$$\begin{aligned} \textcircled{8} \quad & 6 (7x - 2y - 3) \\ = & 42x - 12y - 18 \end{aligned}$$

$$\begin{aligned} \textcircled{9} \quad & 6 (3x - 2y + 2) \\ = & 18x - 12y + 12 \end{aligned}$$

$$\begin{aligned} \textcircled{10} \quad & 7 (4x + 6y + 9) \\ = & 28x + 42y + 63 \end{aligned}$$