

多項式と数の乗法

次の計算をしましょう。

$$\textcircled{1} \quad 6 (3x - 2y + 3)$$

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

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

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

$$\textcircled{5} \quad 7 (8x + 6y + 9)$$

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

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

$$\textcircled{8} \quad 2 (3x + 6y - 9)$$

$$\textcircled{9} \quad 4 (6x + 3y - 8)$$

$$\textcircled{10} \quad 3 (3x - 2y - 5)$$

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次の計算をしましょう。

$$\begin{aligned} \textcircled{1} \quad & 6 (3x - 2y + 3) \\ = & 18x - 12y + 18 \end{aligned}$$

$$\begin{aligned} \textcircled{2} \quad & 5 (4x - 3y + 4) \\ = & 20x - 15y + 20 \end{aligned}$$

$$\begin{aligned} \textcircled{3} \quad & 4 (5x + 4y - 3) \\ = & 20x + 16y - 12 \end{aligned}$$

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

$$\begin{aligned} \textcircled{5} \quad & 7 (8x + 6y + 9) \\ = & 56x + 42y + 63 \end{aligned}$$

$$\begin{aligned} \textcircled{6} \quad & 2 (5x - 6y + 2) \\ = & 10x - 12y + 4 \end{aligned}$$

$$\begin{aligned} \textcircled{7} \quad & 9 (4x + 8y + 9) \\ = & 36x + 72y + 81 \end{aligned}$$

$$\begin{aligned} \textcircled{8} \quad & 2 (3x + 6y - 9) \\ = & 6x + 12y - 18 \end{aligned}$$

$$\begin{aligned} \textcircled{9} \quad & 4 (6x + 3y - 8) \\ = & 24x + 12y - 32 \end{aligned}$$

$$\begin{aligned} \textcircled{10} \quad & 3 (3x - 2y - 5) \\ = & 9x - 6y - 15 \end{aligned}$$