

多項式と数の乗法

次の計算をしましょう。

$$\textcircled{1} \quad 6 (2 x + 4 y - 3)$$

$$\textcircled{2} \quad 9 (3 x + 4 y + 4)$$

$$\textcircled{3} \quad 7 (4 x - 5 y - 5)$$

$$\textcircled{4} \quad 2 (9 x + 2 y + 3)$$

$$\textcircled{5} \quad 9 (4 x + 7 y + 2)$$

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

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

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

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

$$\textcircled{10} \quad 8 (5 x - 6 y - 4)$$

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次の計算をしましょう。

$$\begin{aligned}\textcircled{1} \quad & 6 (2 x + 4 y - 3) \\ & = 12 x + 24 y - 18\end{aligned}$$

$$\begin{aligned}\textcircled{2} \quad & 9 (3 x + 4 y + 4) \\ & = 27 x + 36 y + 36\end{aligned}$$

$$\begin{aligned}\textcircled{3} \quad & 7 (4 x - 5 y - 5) \\ & = 28 x - 35 y - 35\end{aligned}$$

$$\begin{aligned}\textcircled{4} \quad & 2 (9 x + 2 y + 3) \\ & = 18 x + 4 y + 6\end{aligned}$$

$$\begin{aligned}\textcircled{5} \quad & 9 (4 x + 7 y + 2) \\ & = 36 x + 63 y + 18\end{aligned}$$

$$\begin{aligned}\textcircled{6} \quad & 6 (4 x - 9 y + 8) \\ & = 24 x - 54 y + 48\end{aligned}$$

$$\begin{aligned}\textcircled{7} \quad & 9 (6 x + 7 y + 4) \\ & = 54 x + 63 y + 36\end{aligned}$$

$$\begin{aligned}\textcircled{8} \quad & 7 (2 x - 8 y - 6) \\ & = 14 x - 56 y - 42\end{aligned}$$

$$\begin{aligned}\textcircled{9} \quad & 8 (6 x - 8 y - 6) \\ & = 48 x - 64 y - 48\end{aligned}$$

$$\begin{aligned}\textcircled{10} \quad & 8 (5 x - 6 y - 4) \\ & = 40 x - 48 y - 32\end{aligned}$$