

1 次の計算をなさい。

① $9(8x + 3y)$

② $7(6x - 2y)$

③ $-3(2x + 7y)$

④ $8(-3x + 5y)$

⑤ $-6(4x - 9y)$

⑥ $-8(-2x - 7y)$

⑦ $5(7x + 2y + 4)$

⑧ $2(9x - 7y + 3)$

⑨ $-6(3x + 8y - 1)$

⑩ $3(-5x + 3y - 9)$

⑪ $-7(2x - 5y + 4)$

⑫ $-8(-3x - 2y + 6)$

1 次の計算をしなさい。

$$\begin{aligned} \textcircled{1} \quad & 9(8x + 3y) \\ & = 9 \times 8x + 9 \times 3y \\ & = 72x + 27y \end{aligned}$$

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

$$\begin{aligned} \textcircled{3} \quad & -3(2x + 7y) \\ & = -3 \times 2x - 3 \times 7y \\ & = -6x - 21y \end{aligned}$$

$$\begin{aligned} \textcircled{4} \quad & 8(-3x + 5y) \\ & = 8 \times (-3x) + 8 \times 5y \\ & = -24x + 40y \end{aligned}$$

$$\begin{aligned} \textcircled{5} \quad & -6(4x - 9y) \\ & = -6 \times 4x - 6 \times (-9y) \\ & = -24x + 54y \end{aligned}$$

$$\begin{aligned} \textcircled{6} \quad & -8(-2x - 7y) \\ & = -8 \times (-2x) - 8 \times (-7y) \\ & = 16x + 56y \end{aligned}$$

$$\begin{aligned} \textcircled{7} \quad & 5(7x + 2y + 4) \\ & = 5 \times 7x + 5 \times 2y + 5 \times 4 \\ & = 35x + 10y + 20 \end{aligned}$$

$$\begin{aligned} \textcircled{8} \quad & 2(9x - 7y + 3) \\ & = 2 \times 9x + 2 \times (-7y) + 2 \times 3 \\ & = 18x - 14y + 6 \end{aligned}$$

$$\begin{aligned} \textcircled{9} \quad & -6(3x + 8y - 1) \\ & = -6 \times 3x - 6 \times 8y - 6 \times (-1) \\ & = -18x - 48y + 6 \end{aligned}$$

$$\begin{aligned} \textcircled{10} \quad & 3(-5x + 3y - 9) \\ & = 3 \times (-5x) + 3 \times 3y + 3 \times (-9) \\ & = -15x + 9y - 27 \end{aligned}$$

$$\begin{aligned} \textcircled{11} \quad & -7(2x - 5y + 4) \\ & = -7 \times 2x - 7 \times (-5y) - 7 \times 4 \\ & = -14x + 35y - 28 \end{aligned}$$

$$\begin{aligned} \textcircled{12} \quad & -8(-3x - 2y + 6) \\ & = -8 \times (-3x) - 8 \times (-2y) - 8 \times 6 \\ & = 24x + 16y - 48 \end{aligned}$$