

1 次の計算をなさい。

①  $3(9x + 5y)$

②  $2(4x - 7y)$

③  $-5(3x + 8y)$

④  $6(-5x + 9y)$

⑤  $-4(3x - 2y)$

⑥  $-7(-9x - 6y)$

⑦  $8(2x + 6y + 3)$

⑧  $9(5x - 6y + 2)$

⑨  $-7(5x + 2y - 3)$

⑩  $3(-8x + 9y - 6)$

⑪  $-5(2x - 4y + 8)$

⑫  $-2(-9x - 7y + 3)$

1 次の計算をなさい。

$$\begin{aligned} \textcircled{1} \quad & 3(9x + 5y) \\ & = 3 \times 9x + 3 \times 5y \\ & = 27x + 15y \end{aligned}$$

$$\begin{aligned} \textcircled{2} \quad & 2(4x - 7y) \\ & = 2 \times 4x + 2 \times (-7y) \\ & = 8x - 14y \end{aligned}$$

$$\begin{aligned} \textcircled{3} \quad & -5(3x + 8y) \\ & = -5 \times 3x - 5 \times 8y \\ & = -15x - 40y \end{aligned}$$

$$\begin{aligned} \textcircled{4} \quad & 6(-5x + 9y) \\ & = 6 \times (-5x) + 6 \times 9y \\ & = -30x + 54y \end{aligned}$$

$$\begin{aligned} \textcircled{5} \quad & -4(3x - 2y) \\ & = -4 \times 3x - 4 \times (-2y) \\ & = -12x + 8y \end{aligned}$$

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

$$\begin{aligned} \textcircled{7} \quad & 8(2x + 6y + 3) \\ & = 8 \times 2x + 8 \times 6y + 8 \times 3 \\ & = 16x + 48y + 24 \end{aligned}$$

$$\begin{aligned} \textcircled{8} \quad & 9(5x - 6y + 2) \\ & = 9 \times 5x + 9 \times (-6y) + 9 \times 2 \\ & = 45x - 54y + 18 \end{aligned}$$

$$\begin{aligned} \textcircled{9} \quad & -7(5x + 2y - 3) \\ & = -7 \times 5x - 7 \times 2y - 7 \times (-3) \\ & = -35x - 14y + 21 \end{aligned}$$

$$\begin{aligned} \textcircled{10} \quad & 3(-8x + 9y - 6) \\ & = 3 \times (-8x) + 3 \times 9y + 3 \times (-6) \\ & = -24x + 27y - 18 \end{aligned}$$

$$\begin{aligned} \textcircled{11} \quad & -5(2x - 4y + 8) \\ & = -5 \times 2x - 5 \times (-4y) - 5 \times 8 \\ & = -10x + 20y - 40 \end{aligned}$$

$$\begin{aligned} \textcircled{12} \quad & -2(-9x - 7y + 3) \\ & = -2 \times (-9x) - 2 \times (-7y) - 2 \times 3 \\ & = 18x + 14y - 6 \end{aligned}$$