

1 次の計算をなさい。

①  $2(4x + 9y)$

②  $3(7x - 5y)$

③  $-6(8x + 3y)$

④  $9(-2x + 7y)$

⑤  $-5(6x - 8y)$

⑥  $-4(-3x - 2y)$

⑦  $7(3x + 2y + 5)$

⑧  $8(5x - 4y + 1)$

⑨  $-3(4x + 7y - 9)$

⑩  $5(-2x + 6y - 3)$

⑪  $-2(9x - 8y + 5)$

⑫  $-6(-4x - 2y + 7)$

1 次の計算をなさい。

$$\begin{aligned} \textcircled{1} \quad & 2(4x + 9y) \\ & = 2 \times 4x + 2 \times 9y \\ & = 8x + 18y \end{aligned}$$

$$\begin{aligned} \textcircled{2} \quad & 3(7x - 5y) \\ & = 3 \times 7x + 3 \times (-5y) \\ & = 21x - 15y \end{aligned}$$

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

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

$$\begin{aligned} \textcircled{5} \quad & -5(6x - 8y) \\ & = -5 \times 6x - 5 \times (-8y) \\ & = -30x + 40y \end{aligned}$$

$$\begin{aligned} \textcircled{6} \quad & -4(-3x - 2y) \\ & = -4 \times (-3x) - 4 \times (-2y) \\ & = 12x + 8y \end{aligned}$$

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

$$\begin{aligned} \textcircled{8} \quad & 8(5x - 4y + 1) \\ & = 8 \times 5x + 8 \times (-4y) + 8 \times 1 \\ & = 40x - 32y + 8 \end{aligned}$$

$$\begin{aligned} \textcircled{9} \quad & -3(4x + 7y - 9) \\ & = -3 \times 4x - 3 \times 7y - 3 \times (-9) \\ & = -12x - 21y + 27 \end{aligned}$$

$$\begin{aligned} \textcircled{10} \quad & 5(-2x + 6y - 3) \\ & = 5 \times (-2x) + 5 \times 6y + 5 \times (-3) \\ & = -10x + 30y - 15 \end{aligned}$$

$$\begin{aligned} \textcircled{11} \quad & -2(9x - 8y + 5) \\ & = -2 \times 9x - 2 \times (-8y) - 2 \times 5 \\ & = -18x + 16y - 10 \end{aligned}$$

$$\begin{aligned} \textcircled{12} \quad & -6(-4x - 2y + 7) \\ & = -6 \times (-4x) - 6 \times (-2y) - 6 \times 7 \\ & = 24x + 12y - 42 \end{aligned}$$