

1 次の計算をなさい。

① $4(9x + 8y)$

② $5(2x - 3y)$

③ $-7(9x + 4y)$

④ $8(-5x + 4y)$

⑤ $-6(3x - 7y)$

⑥ $-4(-7x - 3y)$

⑦ $2(8x + 3y + 5)$

⑧ $4(5x - 2y + 7)$

⑨ $-9(2x + 5y - 3)$

⑩ $8(-3x + 6y - 1)$

⑪ $-2(5x - 4y + 8)$

⑫ $-7(-3x - 5y + 9)$

1 次の計算をなさい。

$$\begin{aligned} \textcircled{1} \quad & 4(9x + 8y) \\ & = 4 \times 9x + 4 \times 8y \\ & = 36x + 32y \end{aligned}$$

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

$$\begin{aligned} \textcircled{3} \quad & -7(9x + 4y) \\ & = -7 \times 9x - 7 \times 4y \\ & = -63x - 28y \end{aligned}$$

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

$$\begin{aligned} \textcircled{5} \quad & -6(3x - 7y) \\ & = -6 \times 3x - 6 \times (-7y) \\ & = -18x + 42y \end{aligned}$$

$$\begin{aligned} \textcircled{6} \quad & -4(-7x - 3y) \\ & = -4 \times (-7x) - 4 \times (-3y) \\ & = 28x + 12y \end{aligned}$$

$$\begin{aligned} \textcircled{7} \quad & 2(8x + 3y + 5) \\ & = 2 \times 8x + 2 \times 3y + 2 \times 5 \\ & = 16x + 6y + 10 \end{aligned}$$

$$\begin{aligned} \textcircled{8} \quad & 4(5x - 2y + 7) \\ & = 4 \times 5x + 4 \times (-2y) + 4 \times 7 \\ & = 20x - 8y + 28 \end{aligned}$$

$$\begin{aligned} \textcircled{9} \quad & -9(2x + 5y - 3) \\ & = -9 \times 2x - 9 \times 5y - 9 \times (-3) \\ & = -18x - 45y + 27 \end{aligned}$$

$$\begin{aligned} \textcircled{10} \quad & 8(-3x + 6y - 1) \\ & = 8 \times (-3x) + 8 \times 6y + 8 \times (-1) \\ & = -24x + 48y - 8 \end{aligned}$$

$$\begin{aligned} \textcircled{11} \quad & -2(5x - 4y + 8) \\ & = -2 \times 5x - 2 \times (-4y) - 2 \times 8 \\ & = -10x + 8y - 16 \end{aligned}$$

$$\begin{aligned} \textcircled{12} \quad & -7(-3x - 5y + 9) \\ & = -7 \times (-3x) - 7 \times (-5y) - 7 \times 9 \\ & = 21x + 35y - 63 \end{aligned}$$