

1 次の計算をなさい。

① $2(5x + 7y)$

② $4(3x - 6y)$

③ $-8(5x + 9y)$

④ $3(-7x + 4y)$

⑤ $-2(4x - 3y)$

⑥ $-5(-8x - 2y)$

⑦ $6(3x + 5y + 2)$

⑧ $7(8x - 3y + 5)$

⑨ $-9(5x + 6y - 2)$

⑩ $4(-3x + 2y - 7)$

⑪ $-6(8x - 9y + 3)$

⑫ $-5(-7x - 2y + 4)$

1 次の計算をなさい。

$$\begin{aligned} \textcircled{1} \quad & 2(5x + 7y) \\ & = 2 \times 5x + 2 \times 7y \\ & = 10x + 14y \end{aligned}$$

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

$$\begin{aligned} \textcircled{3} \quad & -8(5x + 9y) \\ & = -8 \times 5x - 8 \times 9y \\ & = -40x - 72y \end{aligned}$$

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

$$\begin{aligned} \textcircled{5} \quad & -2(4x - 3y) \\ & = -2 \times 4x - 2 \times (-3y) \\ & = -8x + 6y \end{aligned}$$

$$\begin{aligned} \textcircled{6} \quad & -5(-8x - 2y) \\ & = -5 \times (-8x) - 5 \times (-2y) \\ & = 40x + 10y \end{aligned}$$

$$\begin{aligned} \textcircled{7} \quad & 6(3x + 5y + 2) \\ & = 6 \times 3x + 6 \times 5y + 6 \times 2 \\ & = 18x + 30y + 12 \end{aligned}$$

$$\begin{aligned} \textcircled{8} \quad & 7(8x - 3y + 5) \\ & = 7 \times 8x + 7 \times (-3y) + 7 \times 5 \\ & = 56x - 21y + 35 \end{aligned}$$

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

$$\begin{aligned} \textcircled{10} \quad & 4(-3x + 2y - 7) \\ & = 4 \times (-3x) + 4 \times 2y + 4 \times (-7) \\ & = -12x + 8y - 28 \end{aligned}$$

$$\begin{aligned} \textcircled{11} \quad & -6(8x - 9y + 3) \\ & = -6 \times 8x - 6 \times (-9y) - 6 \times 3 \\ & = -48x + 54y - 18 \end{aligned}$$

$$\begin{aligned} \textcircled{12} \quad & -5(-7x - 2y + 4) \\ & = -5 \times (-7x) - 5 \times (-2y) - 5 \times 4 \\ & = 35x + 10y - 20 \end{aligned}$$