

1 次の計算をなさい。

① $2(2x + 4y) + 5(8x - 5y)$

② $7(7x - 3y) + 4(6x - 4y)$

③ $6(-2a + 9b) + 3(5a - 4b)$

④ $8(-7a - 3b) + 5(2a + 5b)$

⑤ $9(2x - 5y) + 2(-8x + 3y)$

⑥ $3(8x + 5y + 2) + 7(9x + 3y + 6)$

⑦ $8(7x - 8y - 5) + 3(9x - 4y + 2)$

⑧ $4(-8a + 6b + 7) + 6(4a - 5b - 2)$

⑨ $7(-7x + y - 3) + 2(5x - 4y + 8)$

⑩ $2(3a - 2b + 6) + 4(-9a + 7b - 3)$

1 次の計算をなさい。

$$\begin{aligned} \textcircled{1} \quad & 2(2x + 4y) + 5(8x - 5y) \\ & = 4x + 8y + 40x - 25y \\ & = 44x - 17y \end{aligned}$$

$$\begin{aligned} \textcircled{2} \quad & 7(7x - 3y) + 4(6x - 4y) \\ & = 49x - 21y + 24x - 16y \\ & = 73x - 37y \end{aligned}$$

$$\begin{aligned} \textcircled{3} \quad & 6(-2a + 9b) + 3(5a - 4b) \\ & = -12a + 54b + 15a - 12b \\ & = 3a + 42b \end{aligned}$$

$$\begin{aligned} \textcircled{4} \quad & 8(-7a - 3b) + 5(2a + 5b) \\ & = -56a - 24b + 10a + 25b \\ & = -46a + b \end{aligned}$$

$$\begin{aligned} \textcircled{5} \quad & 9(2x - 5y) + 2(-8x + 3y) \\ & = 18x - 45y - 16x + 6y \\ & = 2x - 39y \end{aligned}$$

$$\begin{aligned} \textcircled{6} \quad & 3(8x + 5y + 2) + 7(9x + 3y + 6) \\ & = 24x + 15y + 6 + 63x + 21y + 42 \\ & = 87x + 36y + 48 \end{aligned}$$

$$\begin{aligned} \textcircled{7} \quad & 8(7x - 8y - 5) + 3(9x - 4y + 2) \\ & = 56x - 64y - 40 + 27x - 12y + 6 \\ & = 83x - 76y - 34 \end{aligned}$$

$$\begin{aligned} \textcircled{8} \quad & 4(-8a + 6b + 7) + 6(4a - 5b - 2) \\ & = -32a + 24b + 28 + 24a - 30b - 12 \\ & = -8a - 6b + 16 \end{aligned}$$

$$\begin{aligned} \textcircled{9} \quad & 7(-7x + y - 3) + 2(5x - 4y + 8) \\ & = -49x + 7y - 21 + 10x - 8y + 16 \\ & = -39x - y - 5 \end{aligned}$$

$$\begin{aligned} \textcircled{10} \quad & 2(3a - 2b + 6) + 4(-9a + 7b - 3) \\ & = 6a - 4b + 12 - 36a + 28b - 12 \\ & = -30a + 24b \end{aligned}$$