

1 次の計算をなさい。

① $7(x+9y)+3(3x-5y)$

② $4(4x-2y)+9(8x-7y)$

③ $2(-6a+4b)+8(2a-8b)$

④ $5(-7a-9b)+6(5a+2b)$

⑤ $3(8x-4y)+4(-7x+y)$

⑥ $8(2x+5y+3)+5(8x+4y+6)$

⑦ $6(3x-y-7)+2(4x-6y+8)$

⑧ $5(-5a+3b+4)+9(7a-8b-2)$

⑨ $8(-8x+6y-9)+3(7x-4y+5)$

⑩ $2(3a-2b+6)+4(-5a+4b-7)$

1 次の計算をなさい。

$$\begin{aligned} \textcircled{1} \quad & 7(x+9y) + 3(3x-5y) \\ & = 7x + 63y + 9x - 15y \\ & = 16x + 48y \end{aligned}$$

$$\begin{aligned} \textcircled{2} \quad & 4(4x-2y) + 9(8x-7y) \\ & = 16x - 8y + 72x - 63y \\ & = 88x - 71y \end{aligned}$$

$$\begin{aligned} \textcircled{3} \quad & 2(-6a+4b) + 8(2a-8b) \\ & = -12a + 8b + 16a - 64b \\ & = 4a - 56b \end{aligned}$$

$$\begin{aligned} \textcircled{4} \quad & 5(-7a-9b) + 6(5a+2b) \\ & = -35a - 45b + 30a + 12b \\ & = -5a - 33b \end{aligned}$$

$$\begin{aligned} \textcircled{5} \quad & 3(8x-4y) + 4(-7x+y) \\ & = 24x - 12y - 28x + 4y \\ & = -4x - 8y \end{aligned}$$

$$\begin{aligned} \textcircled{6} \quad & 8(2x+5y+3) + 5(8x+4y+6) \\ & = 16x + 40y + 24 + 40x + 20y + 30 \\ & = 56x + 60y + 54 \end{aligned}$$

$$\begin{aligned} \textcircled{7} \quad & 6(3x-y-7) + 2(4x-6y+8) \\ & = 18x - 6y - 42 + 8x - 12y + 16 \\ & = 26x - 18y - 26 \end{aligned}$$

$$\begin{aligned} \textcircled{8} \quad & 5(-5a+3b+4) + 9(7a-8b-2) \\ & = -25a + 15b + 20 + 63a - 72b - 18 \\ & = 38a - 57b + 2 \end{aligned}$$

$$\begin{aligned} \textcircled{9} \quad & 8(-8x+6y-9) + 3(7x-4y+5) \\ & = -64x + 48y - 72 + 21x - 12y + 15 \\ & = -43x + 36y - 57 \end{aligned}$$

$$\begin{aligned} \textcircled{10} \quad & 2(3a-2b+6) + 4(-5a+4b-7) \\ & = 6a - 4b + 12 - 20a + 16b - 28 \\ & = -14a + 12b - 16 \end{aligned}$$