

1 式の計算① ~式の計算~

学年		組		氏名	
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1 次の計算をなさい。

$$\begin{aligned} (1) \quad & 9a - 6b - 3a + 5b \\ & = (9-3)a + (-6+5)b \end{aligned}$$

$$\boxed{6a - b}$$

$$\begin{aligned} (2) \quad & 2x^2 - 6x - x - 3x^2 \\ & = (2-3)x^2 + (-6-1)x \end{aligned}$$

$$\boxed{-x^2 - 7x}$$

$$\begin{aligned} (3) \quad & 5ab - 6a - 3ab + 5a \\ & = (5-3)ab + (-6+5)a \end{aligned}$$

$$\boxed{2ab - a}$$

$$\begin{aligned} (4) \quad & \frac{3}{2}x + \frac{1}{2}y - 2x - \frac{2}{3}y \\ & = \left(\frac{3}{2} - 2\right)x + \left(\frac{1}{2} - \frac{2}{3}\right)y \end{aligned}$$

$$\boxed{-\frac{1}{2}x - \frac{1}{6}y}$$

2 次の計算をなさい。

$$\begin{aligned} (1) \quad & (2x + y) + (-4x + 2y) \\ & = 2x + y - 4x + 2y \\ & = (2-4)x + (1+2)y \end{aligned}$$

$$\boxed{-2x + 3y}$$

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

$$\boxed{5x + 3y}$$

$$\begin{aligned} (3) \quad & (4x - y) - (5x - 3y) \\ & = 4x - y - 5x + 3y \\ & = (4-5)x + (-1+3)y \end{aligned}$$

$$\boxed{-x + 2y}$$

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

$$\boxed{-x + 7y - 8}$$

$$\begin{aligned} (5) \quad & (2a^2 - 3a + 4) + (a^2 - 6 + 5a) \\ & = 2a^2 - 3a + 4 + a^2 - 6 + 5a \\ & = (2+1)a^2 + (-3+5)a + 4-6 \end{aligned}$$

$$\boxed{3a^2 + 2a - 2}$$

$$\begin{aligned} (6) \quad & \quad \quad \quad 9a - 4b - 3 \\ & -) \quad \quad \quad 2a - 6b + 2 \end{aligned}$$

$$\boxed{7a + 2b - 5}$$