

年 組 番 氏名

$$(1) 4(3x - 4y + 9) - 2(4x - 4y + 7)$$

$$(2) -3(-x + 4y - 1) + 3(6x + y - 6)$$

$$(3) -2(3x - y + 5) + 2(4x + 4y - 6)$$

$$(4) -4(x - 6y - 2) - 2(4x + 4y - 8)$$

$$(5) 3(3x - 2y + 6) - 5(-4x - 5)$$

$$\begin{aligned}
 (1) \quad & \textcircled{4}(3x - 4y + 9) - \textcircled{2}(4x - 4y + 7) \\
 & = 12x - 16y + 36 - 8x + 8y - 14 \\
 & = 4x - 8y + 22
 \end{aligned}$$

同類項でまとめる

$$\begin{aligned}
 (2) \quad & -3(-x + 4y - 1) + 3(6x + y - 6) \\
 & = 3x - 12y + 3 + 18x + 3y - 18 \\
 & = 21x - 9y - 15
 \end{aligned}$$

$$\begin{aligned}
 (3) \quad & -2(3x - y + 5) + 2(4x + 4y - 6) \\
 & = -6x + 2y - 10 + 8x + 8y - 12 \\
 & = 2x + 10y - 22
 \end{aligned}$$

$$\begin{aligned}
 (4) \quad & -4(x - 6y - 2) - 2(4x + 4y - 8) \\
 & = -4x + 24y + 8 - 8x - 8y + 16 \\
 & = -12x + 16y + 24
 \end{aligned}$$

$$\begin{aligned}
 (5) \quad & 3(3x - 2y + 6) - 5(-4x - 5) \\
 & = 9x - 6y + 18 + 20x + 25 \\
 & = 29x - 6y + 43
 \end{aligned}$$