

組 番 氏名

(1) $(5x - 8)(6y - 7)$

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

(3) $(4x - 7)(2x + 4)$

(4) $(4x + 9)(-2x + 4)$

(5) $(3x - 7y)(3x - 3y)$

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

(7) $(-3x + 2y)(3x + y - 5)$

(8) $(-2x + y - 5)(-3x - 2y)$

(9) $(-2x + y - 1)(-x + y - 1)$

(10) $(-4x - y + 2)(-x - 2y - 1)$

$$\begin{aligned}
 (1) \quad & (5x-8)(6y-7) \\
 & \quad \quad \quad \textcircled{3} \quad \textcircled{4} \\
 & \quad \quad \quad \textcircled{1} \quad \textcircled{2} \\
 & = 30xy - 35x - 48y + 56 \\
 & \quad \quad \quad \textcircled{1} \quad \quad \quad \textcircled{2} \quad \quad \quad \textcircled{3} \quad \quad \quad \textcircled{4}
 \end{aligned}$$

$$\begin{aligned}
 (2) \quad & (3x+6)(2y-1) \\
 & = 6xy - 3x + 12y - 6
 \end{aligned}$$

$$\begin{aligned}
 (3) \quad & (4x-7)(2x+4) \\
 & = 8x^2 + 16x - 14x - 28 \\
 & = 8x^2 + 2x - 28
 \end{aligned}$$

同類項をまとめる (xの係数の合計) $(+16) + (-14)$
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$$\begin{aligned}
 (4) \quad & (4x+9)(-2x+4) \\
 & = -8x^2 - 2x + 36
 \end{aligned}$$

$$\begin{aligned}
 (5) \quad & (3x-7y)(3x-3y) \\
 & = 9x^2 - 30xy + 21y^2
 \end{aligned}$$

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

$$\begin{aligned}
 (7) \quad & (-3x+2y)(3x+y-5) \\
 & = -9x^2 + 3xy + 15x + 2y^2 - 10y
 \end{aligned}$$

$$\begin{aligned}
 (8) \quad & (-2x+y-5)(-3x-2y) \\
 & = 6x^2 + xy + 15x - 2y^2 + 10y
 \end{aligned}$$

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

$$\begin{aligned}
 (10) \quad & (-4x-y+2)(-x-2y-1) \\
 & = 4x^2 + 9xy + 2x + 2y^2 - 3y - 2
 \end{aligned}$$