

氏名 () 点数 _____

$$(1) \quad 4x - y - 2x + 7y \\ = \underline{2x + 6y}$$

$$(2) \quad 8a - 3b - 2a - 6b \\ = \underline{6a - 9b}$$

$$(3) \quad 3xy - x - 6xy - 9x \\ = \underline{-3xy - 10x}$$

$$(4) \quad -\frac{3}{2}x + \frac{1}{3}y - \frac{5}{3}x - \frac{2}{5}y \\ = \left(-\frac{3}{2} - \frac{5}{3}\right)x + \left(\frac{1}{3} - \frac{2}{5}\right)y \\ = \underline{-\frac{19}{6}x - \frac{1}{15}y}$$

$$(5) \quad (-9xy + y - 1) - (-2y - 3xy - 3) \\ = -9xy + y - 1 + 2y + 3xy + 3 \\ = \underline{-6xy + 3y + 2}$$

$$(6) \quad -2.3x^2 + 0.5y - 5.2x^2 - 3y \\ = \underline{-7.5x^2 - 2.5y}$$

$$(7) \quad -\left(\frac{1}{3}x - 2x^2 + 8y\right) - \left(x^2 - \frac{3}{5}y - \frac{5}{2}x\right) \\ = -\frac{1}{3}x + 2x^2 - 8y - x^2 + \frac{3}{5}y + \frac{5}{2}x \\ = \left(-\frac{1}{3} + \frac{5}{2}\right)x + (2 - 1)x^2 + \left(-8 + \frac{3}{5}\right)y \\ = \underline{\frac{13}{6}x + x^2 - \frac{37}{5}y}$$

$$(8) \quad (5mn + 2n) - (3m - 6mn - 2) \\ = 5mn + 2n - 3m + 6mn + 2 \\ = \underline{11mn + 2n - 3m + 2}$$

$$(9) \quad a + 4b - \{-2a - (6a - 3b)\} \\ = a + 4b - (-2a - 6a + 3b) \\ = a + 4b - (-8a + 3b) \\ = a + 4b + 8a - 3b \\ = \underline{9a + b}$$

$$(10) \quad x - \left\{2y - \frac{1}{2}x - \left(\frac{2}{3}y - \frac{1}{5}x\right)\right\} \\ = x - \left(2y - \frac{1}{2}x - \frac{2}{3}y + \frac{1}{5}x\right) \\ = x - \left(-\frac{3}{10}x + \frac{4}{3}y\right) \\ = x + \frac{3}{10}x - \frac{4}{3}y \\ = \underline{\frac{13}{10}x - \frac{4}{3}y}$$