

氏名 () 点数 _____

$$(1) \quad -x - y - 4x - 3y \\ = \underline{-5x - 4y}$$

$$(2) \quad -2a - b + 2a - 6b \\ = \underline{-7b}$$

$$(3) \quad 2xy - xz - 6xz - 3xy \\ = \underline{-xy - 7xz}$$

$$(4) \quad -\frac{3}{5}x + y - \frac{5}{2}x - \frac{2}{3}y \\ = \left(-\frac{3}{5} - \frac{5}{2}\right)x + \left(1 - \frac{2}{3}\right)y \\ = \underline{-\frac{31}{10}x + \frac{1}{3}y}$$

$$(5) \quad xy - 4xy - 1 - (xy - 2xy - 3) \\ = -3xy - 1 - (-xy - 3) \\ = -3xy - 1 + xy + 3 \\ = \underline{-2xy + 2}$$

$$(6) \quad -0.1x^2 + 0.8y - 0.2x^2 - y \\ = \underline{-0.3x^2 - 0.2y}$$

$$(7) \quad -\frac{1}{4}x - x^2 + \frac{2}{3}y - (2x^2 - \frac{3}{4}y - \frac{5}{2}x) \\ = -\frac{1}{4}x - x^2 + \frac{2}{3}y - 2x^2 + \frac{3}{4}y + \frac{5}{2}x \\ = \left(-\frac{1}{4} + \frac{5}{2}\right)x + (-1 - 2)x^2 + \left(\frac{2}{3} + \frac{3}{4}\right)y \\ = \underline{\frac{9}{4}x - 3x^2 + \frac{17}{12}y}$$

$$(8) \quad (5ab + b - c) - (3c - 6ab - 2b) \\ = 5ab + b - c - 3c + 6ab + 2b \\ = \underline{11ab + 3b - 4c}$$

$$(9) \quad -5a + b - \{-4a + 2b - (a - 3b)\} \\ = -5a + b - (-4a + 2b - a + 3b) \\ = -5a + b - (-5a + 5b) \\ = -5a + b + 5a - 5b \\ = \underline{-4b}$$

$$(10) \quad \frac{3}{5}x - \left\{y + \frac{1}{2}x - \left(\frac{1}{3}y - \frac{2}{5}x\right)\right\} \\ = \frac{3}{5}x - \left(y + \frac{1}{2}x - \frac{1}{3}y + \frac{2}{5}x\right) \\ = \frac{3}{5}x - \left(\frac{9}{10}x + \frac{2}{3}y\right) \\ = \frac{3}{5}x - \frac{9}{10}x - \frac{2}{3}y \\ = \underline{-\frac{3}{10}x - \frac{2}{3}y}$$