

氏名 () 点数 _____

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

$$(2) \quad 2a - (-a) \\ = 2a + a \\ = \underline{3a}$$

$$(3) \quad 3x - 5x + x - 6x \\ = (3 - 5 + 1 - 6)x \\ = \underline{-7x}$$

$$(4) \quad -\frac{3}{5}a + \frac{1}{2}a - \frac{2}{3}a \\ = \left(-\frac{3}{5} + \frac{1}{2} - \frac{2}{3}\right)a \\ = \left(-\frac{18}{30} + \frac{15}{30} - \frac{20}{30}\right)a \\ = \underline{-\frac{23}{30}a}$$

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

$$(6) \quad 2x - (-8) - 6 + (-3x) \\ = 2x + 8 - 6 - 3x \\ = \underline{-x + 2}$$

$$(7) \quad -\frac{3}{5}x + 1 - \frac{1}{2}x - \frac{2}{3} \\ = \left(-\frac{3}{5} - \frac{1}{2}\right)x + \left(1 - \frac{2}{3}\right) \\ = \left(-\frac{6}{10} - \frac{5}{10}\right)x + \left(\frac{3}{3} - \frac{2}{3}\right) \\ = \underline{-\frac{11}{10}x + \frac{1}{3}}$$

$$(8) \quad 2 - \frac{1}{2}b - \frac{1}{3}b - \frac{2}{5} \\ = \left(-\frac{1}{2} - \frac{1}{3}\right)b + \left(2 - \frac{2}{5}\right) \\ = \left(-\frac{3}{6} - \frac{2}{6}\right)b + \left(\frac{10}{5} - \frac{2}{5}\right) \\ = \underline{-\frac{5}{6}b + \frac{8}{5}}$$

$$(9) \quad -\left(-\frac{2}{3}y\right) + 3 + \left(-\frac{3}{5}y\right) - \frac{1}{2} \\ = \frac{2}{3}y + 3 - \frac{3}{5}y - \frac{1}{2} \\ = \left(\frac{2}{3} - \frac{3}{5}\right)y + \left(3 - \frac{1}{2}\right) \\ = \left(\frac{10}{15} - \frac{9}{15}\right)y + \left(\frac{6}{2} - \frac{1}{2}\right) \\ = \underline{\frac{1}{15}y + \frac{5}{2}}$$

$$(10) \quad -\frac{1}{4}x - \frac{3}{5} - \left(-\frac{2}{3}x\right) + \left(-\frac{1}{2}\right) \\ = -\frac{1}{4}x - \frac{3}{5} + \frac{2}{3}x - \frac{1}{2} \\ = \left(-\frac{1}{4} + \frac{2}{3}\right)x + \left(-\frac{3}{5} - \frac{1}{2}\right) \\ = \left(-\frac{3}{12} + \frac{8}{12}\right)x + \left(-\frac{6}{10} - \frac{5}{10}\right) \\ = \underline{\frac{5}{12}x - \frac{11}{10}}$$