

氏名 ( ) 点数 \_\_\_\_\_

$$\begin{aligned} (1) \quad & (-x-6)-(4x-3) \\ & = -x-6-4x+3 \\ & = \underline{-5x-3} \end{aligned}$$

$$\begin{aligned} (2) \quad & -(-2a-1)+(2a-6) \\ & = 2a+1+2a-6 \\ & = \underline{4a-5} \end{aligned}$$

$$\begin{aligned} (3) \quad & (2x-5)-(-3x-1) \\ & = 2x-5+3x+1 \\ & = \underline{5x-4} \end{aligned}$$

$$\begin{aligned} (4) \quad & -(5a-1)-(3-6a) \\ & = -5a+1-3+6a \\ & = \underline{a-2} \end{aligned}$$

$$\begin{aligned} (5) \quad & (-2-x)-(-5x+1)-(3x-6) \\ & = -2-x+5x-1-3x+6 \\ & = (-1+5-3)x-2-1+6 \\ & = \underline{x+3} \end{aligned}$$

$$\begin{aligned} (6) \quad & \left(-\frac{5}{6}x-1\right)-\left(\frac{3}{4}x-\frac{2}{3}\right) \\ & = -\frac{5}{6}x-1-\frac{3}{4}x+\frac{2}{3} \\ & = \left(-\frac{5}{6}-\frac{3}{4}\right)x-1+\frac{2}{3} \\ & = \left(-\frac{10}{12}-\frac{9}{12}\right)x-\frac{3}{3}+\frac{2}{3} \\ & = \underline{-\frac{19}{12}x-\frac{1}{3}} \end{aligned}$$

$$\begin{aligned} (7) \quad & -5a+3-\{-4a+2-(a-3)\} \\ & = -5a+3-(-4a+2-a+3) \\ & = -5a+3-(-5a+5) \\ & = -5a+3+5a-5 \\ & = \underline{-2} \end{aligned}$$

$$\begin{aligned} (8) \quad & -(x-2)-\{-x-5-(4x-6)\} \\ & = -x+2-(-x-5-4x+6) \\ & = -x+2-(-5x+1) \\ & = -x+2+5x-1 \\ & = \underline{4x+1} \end{aligned}$$

$$\begin{aligned} (9) \quad & \frac{3}{5}x-\left\{4+\frac{1}{2}x-\left(\frac{1}{3}-\frac{2}{5}x\right)\right\} \\ & = \frac{3}{5}x-\left(4+\frac{1}{2}x-\frac{1}{3}+\frac{2}{5}x\right) \\ & = \frac{3}{5}x-\left(\frac{5}{10}x+\frac{4}{10}x+\frac{12}{3}-\frac{1}{3}\right) \\ & = \frac{3}{5}x-\left(\frac{9}{10}x+\frac{11}{3}\right) \\ & = \frac{3}{5}x-\frac{9}{10}x-\frac{11}{3} \\ & = \left(\frac{6}{10}-\frac{9}{10}\right)x-\frac{11}{3} \\ & = \underline{-\frac{3}{10}x-\frac{11}{3}} \end{aligned}$$

$$\begin{aligned} (10) \quad & x-\left\{-\frac{1}{2}x+\frac{2}{3}-\left(\frac{1}{3}x-\frac{2}{5}\right)\right\} \\ & = x-\left(-\frac{1}{2}x+\frac{2}{3}-\frac{1}{3}x+\frac{2}{5}\right) \\ & = x-\left(-\frac{3}{6}x-\frac{2}{6}x+\frac{10}{15}+\frac{6}{15}\right) \\ & = x-\left(-\frac{5}{6}x+\frac{16}{15}\right) \\ & = x+\frac{5}{6}x-\frac{16}{15} \\ & = \left(\frac{6}{6}+\frac{5}{6}\right)x-\frac{16}{15} \\ & = \underline{\frac{11}{6}x-\frac{16}{15}} \end{aligned}$$