

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

$$\underline{x} - \underline{3} - \underline{3x} + \underline{4}$$

$$-2x + 1$$

$$\left(\frac{1}{2}x - 2\right) + (x - 3)$$

$$\underline{\frac{1}{2}x} - \underline{2} + \underline{x} - \underline{3}$$

$$\frac{3}{2}x - 5$$

$$\begin{array}{r} \uparrow \quad \quad \quad \uparrow \quad \quad \uparrow \\ (2a-3) + (5-a) \\ \hline \underline{2a-3} + \underline{5} - \underline{a} \quad \text{unlike} \quad \text{subtract} \\ \hline 1a + 2 \end{array}$$

$$(y + 2) + \frac{2}{3}(y - 4)$$

$$\begin{array}{r} \frac{3}{3}y + 2 + \frac{2}{3}y - \frac{8}{3} \text{ or } -4 \\ \hline \frac{5}{3}y - 2 \end{array}$$

$$\frac{4}{-2} \\ \hline 2$$

$$\frac{1}{3}(2z + 6) + \frac{1}{4}(z - 2)$$

$$\frac{2}{3}z + \frac{6}{3} + \frac{1}{4}z - \frac{2}{4}$$

$$\frac{2}{3} + \frac{1}{4}$$

$$\frac{11}{12}$$

$$\frac{11}{12}z + \frac{3}{2}$$

$$\frac{6}{3} - \frac{2}{4}$$

$$\frac{24}{12} - \frac{6}{12}$$

$$\frac{18}{12} = \frac{3}{2}$$

$$6) \quad \left( \frac{3x}{4} - \frac{1}{3} \right) + \left( \frac{x}{4} + \frac{1}{6} \right)$$

$$\frac{3x}{4} - \frac{1}{3} + \frac{x}{4} + \frac{1}{6}$$

$$\frac{3}{4} + \frac{1}{4} = \frac{4}{4} = 1$$

$$1x - \frac{1}{6}$$

$$-\frac{1}{3} + \frac{1}{6} = -\frac{2}{6} + \frac{1}{6} = -\frac{1}{6}$$

$$8) \quad \frac{1}{3}(2z + 6) + \frac{1}{4}(z - 2)$$

$$\frac{2}{3}z + 2 + \frac{1}{4}z - \frac{1}{2}$$

$$\frac{2}{3} + \frac{1}{4}$$

$$\frac{11}{12}z + \frac{3}{2}$$

$$2 - \frac{1}{2}$$

$$\begin{array}{r} 9) \quad (-4a + 3) - (2a - 5) \\ \quad \underline{-4a + 3} \quad \underline{-2a + 5} \\ \quad -6a + 8 \end{array}$$