

## Combining Like Terms

$$\begin{array}{r} \underline{3-6} + 7 - 4 \\ \quad \underline{+7-4} \\ \quad \quad -4 \end{array}$$

$$\begin{array}{r} 3-6+7-4 \\ 3 + ( \quad ) + 7 + ( \quad ) \\ \quad \quad \quad + ( \quad ) \\ \quad \quad \quad - \end{array}$$

$$3-6+7-4$$

“x times 3” -or- “3 times x”

$$x + x + x$$

$$\left. \begin{array}{l} x \cdot 3 \\ 3 \cdot x \\ 3x \end{array} \right\} x + x + x$$

$$3x + 2x$$

$$\underline{x + x + x} + \underline{x + x}$$

$$3ab - 2ab$$

$$\left( \underline{ab + ab + ab} \right) - \left( \underline{ab + ab} \right)$$

$$-2x - 6 - 7x + 9$$

$$\begin{array}{r} -2(x+4) - 3x + 5 \\ - \quad -3x + 5 \end{array}$$

$$\begin{array}{r} -2(x-4) - 3x + 5 \\ + \quad -3x + 5 \end{array}$$

$$-3ab - \overbrace{a(6b - 2)} - 3ab + 5a$$

$$-3ab - \quad + \quad -3ab + 5a$$

$$2x \overbrace{(-6 + 5x)} - 3x \overbrace{(2x - 3)}$$