

One-Step Equations

Subtraction Property of Equality

$$\begin{array}{r} x + 3 = 10 \\ - 3 \quad - 3 \\ \hline \boxed{x = 7} \end{array}$$

check $7 + 3 = 10$
 $10 = 10 \checkmark$

Addition Property of Equality

$$\begin{array}{r} x - 4 = 11 \\ + 4 \quad + 4 \\ \hline \boxed{x = 15} \end{array}$$

Division Property of Equality

$$\begin{array}{r} 5x = 30 \\ \frac{5}{5} \quad \frac{5}{5} \\ \hline \boxed{x = 6} \end{array}$$

$5(6) = 30$
 $30 = 30 \checkmark$

Multiplication Property of Equality

$$\begin{array}{r} x = 5 \cdot 10 \\ \cancel{10} \cdot \cancel{10} \\ \hline \boxed{x = 50} \end{array}$$

$\frac{50}{10} = 5$
 $5 = 5 \checkmark$