

Equation	Solution
1. $2x = 10$	$\frac{2x}{2} = \frac{10}{2}$ $x = 5$
2. $x + 3 = 9$	$\begin{array}{r} x + 3 = 9 \\ - 3 \quad - 3 \\ \hline \end{array}$ $x = 6$
3. $x - 8 = 10$	$\begin{array}{r} x - 8 = 10 \\ + 8 \quad + 8 \\ \hline \end{array}$ $x = 18$
4. $x + 9 = 11$	$\begin{array}{r} x + 9 = 11 \\ - 9 \quad - 9 \\ \hline \end{array}$ $x = 2$
5. $10x = 50$	$\frac{10x}{10} = \frac{50}{10}$ $x = 5$

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6. $4x + 5 = 17$	$\begin{array}{r} 4x + 5 = 17 \\ -5 = -5 \\ \hline 4x = 12 \end{array}$ $\frac{4x}{4} = \frac{12}{4} \quad \boxed{x = 3}$
7. $3x - 8 = 22$	$\begin{array}{r} 3x - 8 = 22 \\ +8 = +8 \\ \hline 3x = 30 \end{array}$ $\frac{3x}{3} = \frac{30}{3} \quad \boxed{x = 10}$
8. $8x + 7 = 55$	$\begin{array}{r} 8x + 7 = 55 \\ -7 = -7 \\ \hline 8x = 48 \end{array}$ $\frac{8x}{8} = \frac{48}{8} \quad \boxed{x = 6}$
9. $2x + 18 = 50$	$\begin{array}{r} 2x + 18 = 50 \\ -18 = -18 \\ \hline 2x = 32 \end{array}$ $\frac{2x}{2} = \frac{32}{2} \quad \boxed{x = 16}$
10. $10x - 10 = 0$	$\begin{array}{r} 10x - 10 = 0 \\ +10 = +10 \\ \hline 10x = 10 \end{array}$ $\frac{10x}{10} = \frac{10}{10} \quad \boxed{x = 1}$