

Solving Equations
Emphasis on 1-Step Linear Equations – Addition & Subtraction

Solve each of the following.

1. $x + 5 = 12$ $\begin{array}{r} x + 5 = 12 \\ -5 \quad -5 \\ \hline \end{array}$ $x = 7$	2. $y - 10 = 21$ $\begin{array}{r} y - 10 = 21 \\ +10 \quad +10 \\ \hline \end{array}$ $y = 31$
3. $t + 62 = 120$ $\begin{array}{r} t + 62 = 120 \\ -62 \quad -62 \\ \hline \end{array}$ $t = 58$	4. $b - 21 = 10$ $\begin{array}{r} b - 21 = 10 \\ +21 \quad +21 \\ \hline \end{array}$ $b = 31$
5. $m + 3 = 15$ $\begin{array}{r} m + 3 = 15 \\ -3 \quad -3 \\ \hline \end{array}$ $m = 12$	6. $k - 10 = 115$ $\begin{array}{r} k - 10 = 115 \\ +10 \quad +10 \\ \hline \end{array}$ $k = 125$
7. $n + 7 = 35$ $\begin{array}{r} n + 7 = 35 \\ -7 \quad -7 \\ \hline \end{array}$ $n = 28$	8. $v - 30 = 62$ $\begin{array}{r} v - 30 = 62 \\ +30 \quad +30 \\ \hline \end{array}$ $v = 92$
9. $g + 9 = 45$ $\begin{array}{r} g + 9 = 45 \\ -9 \quad -9 \\ \hline \end{array}$ $g = 36$	10. $r - 14 = 118$ $\begin{array}{r} r - 14 = 118 \\ +14 \quad +14 \\ \hline \end{array}$ $r = 132$

$$11. t - 1 = 8$$

$$\begin{array}{r} +1 \quad +1 \\ \hline t = 9 \end{array}$$

$$12. j + 19 = 5$$

$$\begin{array}{r} -19 \quad -19 \\ \hline j = -14 \end{array}$$

$$13. f - 7 = 19$$

$$\begin{array}{r} +7 \quad +7 \\ \hline f = 26 \end{array}$$

$$14. k + 27 = 3$$

$$\begin{array}{r} -27 \quad -27 \\ \hline k = -24 \end{array}$$

$$15. h - 16 = 75$$

$$\begin{array}{r} +16 \quad +16 \\ \hline h = 91 \end{array}$$

$$16. h + 32 = -6$$

$$\begin{array}{r} -32 \quad -32 \\ \hline h = -38 \end{array}$$

$$17. y - 82 = 0$$

$$\begin{array}{r} +82 \quad +82 \\ \hline y = 82 \end{array}$$

$$18. n + 74 = -15$$

$$\begin{array}{r} -74 \quad -74 \\ \hline n = -89 \end{array}$$

$$19. a - 52 = 48$$

$$\begin{array}{r} +52 \quad +52 \\ \hline a = 100 \end{array}$$

$$20. x + 14 = -18$$

$$\begin{array}{r} -14 \quad -14 \\ \hline x = -32 \end{array}$$