

## Linear Equations

Solving one linear equation in one variable. Solve.

1.  $3x - 7 = 6x + 11$

2.  $x = \frac{2}{3}x - 1$

Solve for the indicated variable in terms of the other(s).

3.  $P = 2l + 2w$

$l =$

4.  $R = \frac{2}{3}(T - 6)$

$T =$

Solution of a one variable equation reducible to a linear equation. Solve and check.

5.  $\frac{x-1}{x+3} = \frac{7}{3}$

6.  $\frac{n}{n-4} = 7$

7.  $|4 - 2z| = 6$

8.  $|x + 5| = -3$