

## One-Step Equations

Key

Solve each equation.

1)  $\frac{x}{20} = 4$

$x = 80$

2)  $-39 = m - 20$

$m = -19$

3)  $a - 2 = 9$

$a = 11$

4)  $9 + n = 26$

$n = 17$

5)  $-36 = p - 20$

$p = -16$

6)  $-40 = 8r$

$r = 5$

7)  $12 = \frac{r}{2}$

$r = 24$

8)  $-12 = \frac{a}{16}$

$a = -192$

9)  $-26 = -13r$

$r = 2$

10)  $-1 = x + 2$

$x = -3$

11)  $32 = r + 14$

$r = 18$

12)  $m + 15 = 11$

$m = -4$

13)  $-26 = p - 13$

$p = -13$

14)  $-11 = \frac{k}{6}$

$k = -66$

15)  $\frac{v}{2} = -15$

$v = -30$

16)  $-7 = k - 16$

$k = 9$

## Two-Step Equations

Solve each equation.

1)  $\frac{x}{8} + 6 = 7$

$x = 8$

2)  $-2 - 6m = -98$

$m = ~~16~~ 16$

3)  $5(8 + x) = -50$

$x = -18$

4)  $4(-4 + n) = 0$

$n = 4$

5)  $-8 = -2 - 2v$

$v = 3$

6)  $-12 = \frac{m}{10} - 10$

$m = -20$

7)  $-2 - 8x = -58$

$x = 7$

8)  $\frac{m}{9} - 7 = -6$

$m = 9$

9)  $\frac{p-10}{7} = -4$

$p = -18$

10)  $-51 = -3(a+3)$

$a = 14$

11)  $3 + \frac{v}{8} = 3$

$v = 0$

12)  $-2 = \frac{p-5}{8}$

$p = -11$

13)  $3 = \frac{-4+x}{5}$

$x = 19$

14)  $8 = \frac{x}{2} + 2$

$x = 12$

15)  $-1 + 8r = 111$

$r = 14$

16)  $-5 = -1 + \frac{x}{5}$

$x = -20$

★ Be mindful of negative signs!!!