

**PROBLEMS: Solving Linear Equations 2-Step**

1.  $3x - 5 = 10$

2.  $2y + 3 = 7$

3.  $5f - 2 = 28$

4.  $6a + 8 = 14$

5.  $2c - 4 = 40$

6.  $-x + 25 = -30$

7.  $-3y - 10 = 17$

8.  $12t + 12 = -36$

9.  $-4.2w - 16.7 = 17.2$

10.  $2.9k - 64.01 = 225.93$

11.  $7.1q - (-4.8) = -(-.5)$

12.  $-.09d + 8.13 = 19.02$

13.  $1.6f - (-2.2) = -7.6$

14.  $89.2x + 131.7 = -1213.5$

15.  $\frac{1}{2}g - 7 = 8$

16.  $-\frac{2}{3}t + 4 = \frac{1}{2}$

17.  $\frac{5}{3}h - \frac{2}{3} = 3$

18.  $-\frac{1}{10}e + \frac{1}{5} = -\frac{3}{5}$

$$19. \frac{8}{7}a + \frac{1}{8} = -\frac{1}{4}$$

$$20. -\frac{11}{12}k + \frac{3}{8} = \frac{1}{2}$$

**KEY: Solving Linear Equations 2-Step**

1.  $3x - 5 = 10$      $x = 5$

2.  $2y + 3 = 7$      $y = 2$

3.  $5f - 2 = 28$      $f = 6$

4.  $6a + 8 = 14$      $a = 1$

5.  $2c - 4 = 40$      $c = 22$

6.  $-x + 25 = -30$      $x = 55$

7.  $-3y - 10 = 17$      $y = -9$

8.  $12t + 12 = -36$      $t = -4$

9.  $-4.2w - 16.7 = 17.2$      $w = -8.07$

10.  $2.9k - 64.01 = 225.93$      $k = 99.98$

11.  $7.1q - (-4.8) = -(-.5)$      $q = -.61$

12.  $-.09d + 8.13 = 19.02$      $d = -121$

13.  $1.6f - (-2.2) = -7.6$      $f = -3.375$

14.  $89.2x + 131.7 = -1213.5$      $x = -15.08$

15.  $\frac{1}{2}g - 7 = 8$      $g = 30$

16.  $-\frac{2}{3}t + 4 = \frac{1}{2}$      $t = 21/4$

17.  $\frac{5}{3}h - \frac{2}{3} = 3$      $h = 11/5$

18.  $-\frac{1}{10}e + \frac{1}{5} = -\frac{3}{5}$      $e = 8$

$$19. \frac{8}{7}a + \frac{1}{8} = -\frac{1}{4} \quad a = -21/64$$

$$20. -\frac{11}{12}k + \frac{3}{8} = \frac{1}{2} \quad k = -3/22$$