

## 2.1 - Solving Two-Step Equations

1.  $4n + 9 = -3$

$$4n = -12$$

$$n = -3$$

2.  $13 = -8y - 11$

$$24 = -8y$$

$$-3 = y$$

5.  $(6 = -12 + \frac{h}{-7}) - 7$

$$-42 = 84 + h$$

$$-126 = h$$

6.  $(\frac{2}{3}a - 14 = 61) \cdot 3$

$$2a - 42 = 183$$

$$2a = 225$$

$$a = \frac{225}{2} = 112.5$$

3.  $-2.5d - 3.2 = 74.1$

$$-2.5d = 77.3$$

$$d = -30.92$$

4.  $(\frac{t}{3} + 11 = 29) \cdot 3$

$$t + 33 = 87$$

$$t = 54$$

7.  $(6 - \frac{2}{9}v = -14) \cdot 9$

$$54 - 2v = -126$$

$$-2v = -180$$

$$v = 90$$