Solve each equation.

1)
$$6 = \frac{a}{4} + 2$$

2)
$$-6 + \frac{x}{4} = -5$$

3)
$$9x - 7 = -7$$

4)
$$0 = 4 + \frac{n}{5}$$

5)
$$-4 = \frac{r}{20} - 5$$

6)
$$-1 = \frac{5+x}{6}$$

7)
$$\frac{v+9}{3} = 8$$

8)
$$2(n+5) = -2$$

9)
$$-9x + 1 = -80$$

10)
$$-6 = \frac{n}{2} - 10$$

11)
$$-2 = 2 + \frac{v}{4}$$

12)
$$144 = -12(x+5)$$

-1-

13)
$$-15 = -4m + 5$$

14)
$$10 - 6v = -104$$

15)
$$8n + 7 = 31$$

16)
$$-9x - 13 = -103$$

17)
$$\frac{n+5}{-16} = -1$$

18)
$$-10 = -10 + 7m$$

19)
$$-10 = 10(k-9)$$

20)
$$\frac{m}{9} - 1 = -2$$

21)
$$9 + 9n = 9$$

22)
$$7(9+k) = 84$$

23)
$$8 + \frac{b}{-4} = 5$$

24)
$$-243 = -9(10 + x)$$

Two-Step Equations

Solve each equation.

1)
$$6 = \frac{a}{4} + 2$$
 {16}

$$2) -6 + \frac{x}{4} = -5$$

$$\{4\}$$

3)
$$9x - 7 = -7$$
 {0}

4)
$$0 = 4 + \frac{n}{5}$$
 {-20}

$$5) -4 = \frac{r}{20} - 5$$

$$\{20\}$$

$$6) -1 = \frac{5+x}{6}$$
$$\{-11\}$$

$$7) \ \frac{v+9}{3} = 8$$

$$\{15\}$$

8)
$$2(n+5) = -2$$
 {-6}

9)
$$-9x + 1 = -80$$
 {9}

$$10) -6 = \frac{n}{2} - 10$$

$$\{8\}$$

11)
$$-2 = 2 + \frac{v}{4}$$
 {-16}

12)
$$144 = -12(x+5)$$
 $\{-17\}$

-1-

13)
$$-15 = -4m + 5$$
 {5}

14)
$$10 - 6v = -104$$
 {19}

15)
$$8n + 7 = 31$$
 {3}

16)
$$-9x - 13 = -103$$
 {10}

$$17) \ \frac{n+5}{-16} = -1$$

$$\{11\}$$

18)
$$-10 = -10 + 7m$$
 {0}

19)
$$-10 = 10(k-9)$$
 {8}

$$20) \ \frac{m}{9} - 1 = -2$$
$$\{-9\}$$

21)
$$9 + 9n = 9$$
 $\{0\}$

22)
$$7(9+k) = 84$$
 {3}

23)
$$8 + \frac{b}{-4} = 5$$
 {12}

24)
$$-243 = -9(10 + x)$$
 {17}