

Assignment

Date _____ Period _____

Solve each equation.

1) $3 + 6(k - 6) = -81$

2) $86 = -2(5n - 3)$

3) $-112 = -7(4 + 3m)$

4) $3r - 8(3r + 3) = -150$

5) $-138 = -3(-2 + 6a)$

6) $-7(5p + 8) + 5p = -176$

7) $-248 = 7(-5m - 8) + 3m$

8) $-\frac{23}{30} = -\frac{1}{5}a + 2\frac{1}{2}a$

9) $-\frac{29}{100} = \frac{4}{5}n - 2 - 1\frac{3}{4}n$

10) $\frac{295}{56} = 4\frac{1}{7}k + 1\frac{1}{8}k$

$$11) 24.4 = 6.5k + 5.7k$$

$$12) -8.04 = 4.2x - 3.1 - 1.6x$$

$$13) 7.2 - 0.3x + 7.8x = 22.95$$

$$14) 8(x - 6) = -88$$

$$15) 4(1 - 7x) = -164$$

$$16) -7(2 + 2n) = -84$$

$$17) 8n + 7(5 + 5n) = 164$$

$$18) 358 = -8x - 7(-2 + 5x)$$

$$19) -8(6m + 5) = 296$$

$$20) -81 = 3(7x - 6)$$

Assignment

Date _____ Period _____

Solve each equation.

1) $3 + 6(k - 6) = -81$

 $\{-8\}$

2) $86 = -2(5n - 3)$

 $\{-8\}$

3) $-112 = -7(4 + 3m)$

 $\{4\}$

4) $3r - 8(3r + 3) = -150$

 $\{6\}$

5) $-138 = -3(-2 + 6a)$

 $\{8\}$

6) $-7(5p + 8) + 5p = -176$

 $\{4\}$

7) $-248 = 7(-5m - 8) + 3m$

 $\{6\}$

8) $-\frac{23}{30} = -\frac{1}{5}a + 2\frac{1}{2}a$

 $\left\{-\frac{1}{3}\right\}$

9) $-\frac{29}{100} = \frac{4}{5}n - 2 - 1\frac{3}{4}n$

 $\left\{-1\frac{4}{5}\right\}$

10) $\frac{295}{56} = 4\frac{1}{7}k + 1\frac{1}{8}k$

 $\{1\}$

$$11) 24.4 = 6.5k + 5.7k$$

{2}

$$12) -8.04 = 4.2x - 3.1 - 1.6x$$

{-1.9}

$$13) 7.2 - 0.3x + 7.8x = 22.95$$

{2.1}

$$14) 8(x - 6) = -88$$

{-5}

$$15) 4(1 - 7x) = -164$$

{6}

$$16) -7(2 + 2n) = -84$$

{5}

$$17) 8n + 7(5 + 5n) = 164$$

{3}

$$18) 358 = -8x - 7(-2 + 5x)$$

{-8}

$$19) -8(6m + 5) = 296$$

{-7}

$$20) -81 = 3(7x - 6)$$

{-3}