

## SM2 HW #1-2 (Solve Equations)

Date \_\_\_\_\_ Period \_\_\_\_\_

**Solve each equation. Use "one-step-rewrite-justify" to show your work.**

1)  $5x + 3 - 8x = 6$

2)  $7k + 7k = 14$

3)  $x + 4 - 4x = -20$

4)  $-5n + 7 + 4 = 21$

5)  $-8n + 5n = 9$

6)  $-4 = 3 + x - 8x$

7)  $-24 = 2v - 8v$

8)  $0 = 2p + 2p$

9)  $-8 = -6v + 8v$

10)  $-10 = 7x - 5x$

$$11) -6 + 5m - 5m = -2m + 5m$$

$$12) -15 + 4n = 1 + 6n$$

$$13) 8 + 4a = 4a + 8 - 5$$

$$14) 7 - 7m + 3m + 13 = 2m - m$$

## SM2 HW #1-2 (Solve Equations)

Date \_\_\_\_\_ Period \_\_\_\_\_

**Solve each equation. Use "one-step-rewrite-justify" to show your work.**

1)  $5x + 3 - 8x = 6$

 $\{-1\}$ 

2)  $7k + 7k = 14$

 $\{1\}$ 

3)  $x + 4 - 4x = -20$

 $\{8\}$ 

4)  $-5n + 7 + 4 = 21$

 $\{-2\}$ 

5)  $-8n + 5n = 9$

 $\{-3\}$ 

6)  $-4 = 3 + x - 8x$

 $\{1\}$ 

7)  $-24 = 2v - 8v$

 $\{4\}$ 

8)  $0 = 2p + 2p$

 $\{0\}$ 

9)  $-8 = -6v + 8v$

 $\{-4\}$ 

10)  $-10 = 7x - 5x$

 $\{-5\}$

$$11) -6 + 5m - 5m = -2m + 5m$$

$\{-2\}$

$$12) -15 + 4n = 1 + 6n$$

$\{-8\}$

$$13) 8 + 4a = 4a + 8 - 5$$

No solution.

$$14) 7 - 7m + 3m + 13 = 2m - m$$

$\{4\}$