

Name: \_\_\_\_\_

140 5th  
5/15/17  
1-16 due  
5/16/17

**"I REALLY Know It: Solving Equations"**

**Easy:**

1.  $x - 10 = 23$

4.  $9 = x - 12$

2.  $6 + x = -11$

5.  $5x = 35$

3.  $x - 5 = -5$

6.  $18 = -3x$

**Medium:**

7.  $\frac{1}{4}x = -2$

10.  $18 - 3x = -12$

8.  $\frac{-2}{3}x = 8$

11.  $9x - 12 = 3x$

9.  $6x - 3 = 21$

12.  $-5x = 9 - 2x$

**Hard:**

13.  $8x - 12 = 15x - 4$

15.  $10x - 5 = 21 - 3x$

14.  $11 + 6x = 2x - 13$

16.  $4x + 12 = x - 6$

**I REALLY Know It:**

17.  $-4(x - 6) = 2(7 - 7x)$

19.  $-(x + 7) - 5 = 4(x + 3) - 6x$

18.  $8(-9x + 4) = -3(6x + 9)$

20.  $5(x - 1) = 2x + 4(x - 1)$