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**Homework 6-3**  
**Two-Step & Multi-Step Equations**

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**Unit 6**

Solve each inequality for the variable.

1.  $2x \leq 28$

3.  $\frac{r}{4} < 5$

5.  $-m > 125$

2.  $36 > -6y$

4.  $\frac{d}{-6} \geq -3$

6.  $\frac{h}{2.5} \leq 5.2$

Solve each equation for the variable.

7.  $2x + 9 = 1$

12.  $29 = 10 - 4k + 3$

8.  $1 + 6m + 7m = 27$

13.  $70 = 2(6d - 1)$

9.  $-15 = 3(x - 3)$

14.  $1 + 4r = 5$

10.  $6x - 8 = -41 - 5x$

15.  $7k - 6.3 + 1.7 = 9.4$

11.  $-\frac{g}{3} + 5 = -4$

16.  $45 = -5(2h + 3)$

17.  $-6 - 4d = 6d - 26$

19.  $\frac{4}{5}w + 15 = \frac{1}{5}w + 25$

18.  $-11 = -5n + 2n + 10$

20.  $3a - 14.2 + 3.4 = 4.2$