

**COLLEGE PREP ALGEBRA**  
**Inequalities**

**NAME** \_\_\_\_\_  
**HOUR** \_\_\_\_\_ **DUE DATE** \_\_\_\_\_

Solve the following inequalities on attached paper. Put your final inequality statement and graph on this paper.

1.  $-6x \leq -30$  \_\_\_\_\_

2.  $5x + 2 < 3(2x - 1)$  \_\_\_\_\_

3.  $2(x - 3) + 8 \geq 3(4 - x)$  \_\_\_\_\_

4.  $10 - 3x \leq 7x$  \_\_\_\_\_

5.  $x + 3 > -4$  \_\_\_\_\_

6.  $1.2x < 0.2x - 7.3$  \_\_\_\_\_

7.  $-4x + 2(x - 5) > -3$  \_\_\_\_\_

8.  $2x + 3 \geq 5x - 6$  \_\_\_\_\_

9.  $5 - 3(5 - 2x) \leq 2(x - 1)$  \_\_\_\_\_

10.  $\frac{2}{3}(9x - 15) + 4 < 6 + \frac{3}{4}(4 - 12x)$  \_\_\_\_\_