Name_____ Pd_____ Date_____ **S1 Exam Study Guide Pt 2**

Directions: Turn in this Study Guide the FIRST DAY of your exam for +2 EXTRA CREDIT on your exam!

<u>1-6:</u> Solve and graph the inequality.

1) $-\frac{c}{2} > 3$

2) $-4x < 16$

3) $\frac{b}{7} \geq 2$

4) $-6x > 42$

5) $3x + 5 < -1$

6) $6k - 3 \leq 15$

<u>7 - 8:</u> Graph the compound inequality.

7)   all numbers greater than 40 and less than or equal to 50

8)   all numbers less than or equal to -5 or greater than 5

<u>9 - 12:</u> Solve the equation.

9) $5 = -(x + 2) - 4$

10) $4(w + 7) - 20 = 32$

11) $5n + 34 = -2(1 - 7n)$

12) $2(4x - 3) - 8 = 4 + 2x$

13 - 14: How many solutions does the equation have?

13) $3(p + 3) - 2p = 8 + p + 1$

14) $h - 12 = 4(h + 3) - 3h$