**Algebra I – Bellwork #38 Date: \_\_\_\_\_\_\_\_\_\_**

Solve each inequality.

**1.** $3f+9<21$ **2.** $4n-3\geq 105$

**3.** $33y-3\leq 8$ **4.** $2+2p>-17$

**5.** $2\left(k+4\right)-3k\leq 14$ **6.** $3\left(4c-5\right)-2c>0$

**7.** $15\left(j-3\right)+3j<45$ **8.** $22\geq 5\left(2y+3\right)-3y$

**9.** Write an inequality for the following statements:

a. The capacity exceeds 150 seats. b. There were fewer than eighty-six people at the party.

**10.** Solve the following absolute value equations.

a. ⅔ |2x – 10| - 11 = -3 b. |4x – 5| + 15 = 36