

7.6

Solving and Graphing Inequalities +/- Assignment

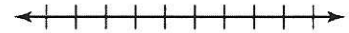
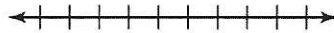
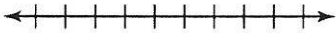
Name _____ Date _____

Solve the inequality. Graph the solution.

1. $x + 12 \geq 15$

2. $c - 8 < 4$

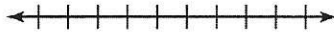
3. $q - 9.8 > 1.2$



4. $t + 54 \leq 85.6$

5. $j - 16 > 48$

6. $5.76 \leq k + 5.76$



7. You are cooking a turkey. The turkey must reach a temperature of at least 165 degrees to be fully cooked. The temperature is 135 degrees. Write and solve an inequality to represent the number of degrees the temperature must increase for the turkey to be done.
8. The memory card on a cell phone can store up to 50 phone numbers. There are 21 phone numbers stored on the cell phone. Write and solve an inequality to represent the number of additional phone numbers you can store on the cell phone.
9. Your carry-on bag can weigh at most 40 pounds. Your bag weighs 22 pounds. Write and solve an inequality to represent how much more weight you can add to the bag and still meet the requirement.