**Inequalities Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**1. Write the inequality for each situation. Choose “x” as your variable.**

a) The sum of a number and twelve is **at least** ten \_\_\_\_\_\_\_\_\_\_\_\_

b) Twice a number decreased by nine is **at most** two \_\_\_\_\_\_\_\_\_\_\_\_\_

c) One-third of a number is **no less than** thirty \_\_\_\_\_\_\_\_\_\_\_\_\_\_

**2. Write the inequality for each graph. Choose “x” as your variable.**

a) \_\_\_\_\_\_\_\_\_

b) \_\_\_\_\_\_\_\_\_

**Solve each inequality. Graph the solution on the number line.**

****

**<+++++++++++++++> <++++++++++++++> <++++++++++++>**

****

**<+++++++++++++++> <++++++++++++++> <++++++++++++>**