Name_____ Pd_____ Date_____ **Section 1.D.3**

Real-Life Inequalities

Words/Phrases For Less Than or Equal To $\leq$	*Words/Phrases For Greater Than or Equal To* $\geq$

Examples:

1) Missouri state law sets the maximum speed, s, for cars on the highway at 70 mph.

2) Tyrik can eat no more than 8 bags of chips before he is stuffed. He has already eaten 3 bags. What is the range of possible bags of chips, b, he can continue to eat before he is stuffed?

3) The difference between the outside temperature and the inside temperature is at least 5 degrees. If the inside temperature is 75 degrees, what is the range of possible outside temperatures, t?

4) Ciara wants to earn a minimum of \$50. If she earns \$9 per hour, what is the range of possible hours, h, she must work?

5) Ms. Draper is splitting up a pack of pencils. The number of pencils each group will get cannot exceed 3. What is the possible range of pencils in the pack, p, that Ms. Draper started with, if she is splitting them into 5 groups?