Name _____ Date _____

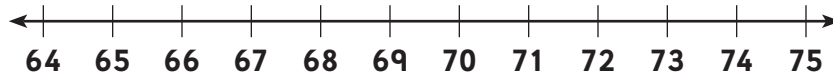### Skills Maintenance
Finding Inequalities

Activity 1

Draw each of the inequalities on the number lines provided.

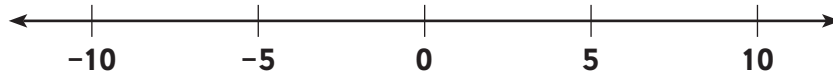1. $a > 10$
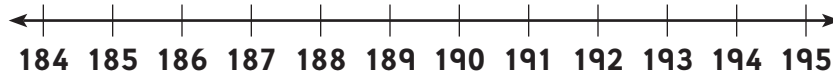

2. $c \geq 71$

3. $b < -5$

4. $d \leq 189$

Name _____ Date _____

% ÷ / = / < x **Apply Skills**
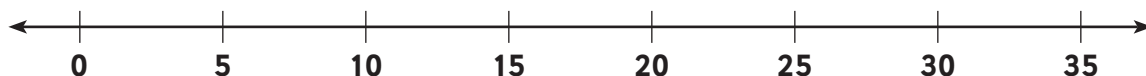**Using ≥ and ≤**

Activity 1

Translate each word statement into an inequality. Write a statement that describes the inequality, then draw the inequality on the number line.

1. The low temperature of the day was at least 25 degrees.

   The variable _____ represents _____ .

   The inequality is _____.

   Statement _____

   0   5   10   15   20   25   30   35

2. The lowest price for airline tickets from Dallas to San Diego for the year was $208.

   The variable _____ represents _____ .

   The inequality is _____.

   Statement _____

   180   190   200   210   220   230   240   250
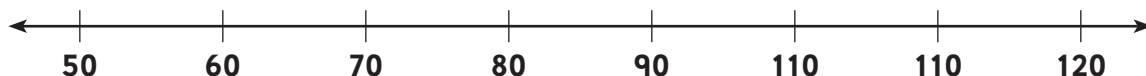
3. Rachel weighs at least as much as Monica. Monica weighs 105 pounds.

   The variable _____ represents _____ .
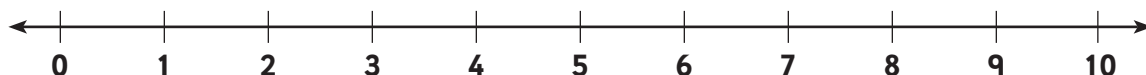
   The inequality is _____.

   Statement _____

   50   60   70   80   90   110   110   120

4. Scott is at most 6 feet tall.

   The variable _____ represents _____ .

   The inequality is _____.

   Statement _____

   0   1   2   3   4   5   6   7   8   9   10

Name _____ Date _____

Activity 2

Look at the inequalities. For each inequality, write a situation that could be described by the inequality.

1. $a > 10$, where a represents the age of a person (in years).

   _____

   _____

   _____

2. $t < 50$, where t represents the temperature (in degrees) outside.

   _____

   _____

   _____

3. $n \geq 25$, where n represents the number of people at the concert.

   _____

   _____

4. $w \leq 100$, where w represents the number of women in the audience.

   _____

   _____

   _____

mBook Reinforce Understanding
Use the **mBook** *Study Guide* to review lesson concepts.