

Name: \_\_\_\_\_

## Daily Word Problem

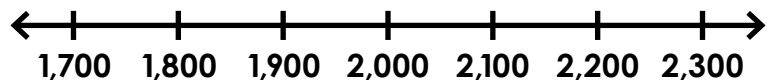
A hotel's elevator has a weight limit of 2,200 pounds with a maximum number of passengers of 13.

Write an inequality to describe the maximum number of people allowed in the elevator at one time. Let  $p$  represent the number of people. Then graph the inequality on the number line provided.



amount of weight, in pounds. Then graph the inequality on the number line provided.

\_\_\_\_\_



Name: \_\_\_\_\_

## Daily Word Problem

Alex says that 2, 3, 5, and 7 are solutions to the following inequality:  $5y \geq 15$ . Explain to Alex why he is wrong.

Show your work.



answer: \_\_\_\_\_

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Name: \_\_\_\_\_

**Daily Word Problem**

Tra'von will need at least 32 minutes to run a 5K. Write and graph an inequality to show this.



answer: \_\_\_\_\_

Name: \_\_\_\_\_

## Daily Word Problem

An amusement park has a mini roller coaster that can hold 10 people. It has a weight limit of 1,000 pounds. The ride can safely operate if the average adult,  $a$ , weighs 180 pounds and the average child,  $c$ , weighs 70 pounds. The roller coaster ride vehicle weighs 300 pounds. The inequality below needs to be satisfied for safety reasons.



Show your work.

answer: \_\_\_\_\_

Name: \_\_\_\_\_

**Daily Word Problem**

The length of a red hair ribbon is 8.5 inches. The length of a blue hair ribbon is less than the length of the red hair ribbon. Write and graph an inequality that represents all the possible lengths of the blue hair ribbon.



answer: \_\_\_\_\_

Daily Word Problem

# Preview

Please log in to download  
the printable version of this worksheet.

