Name: _____   Date:_____

Percent of a Number

Find each value. Label your answers.

1) Jamie's water bottle holds 40 ounces of water. She drank 10% of the water.
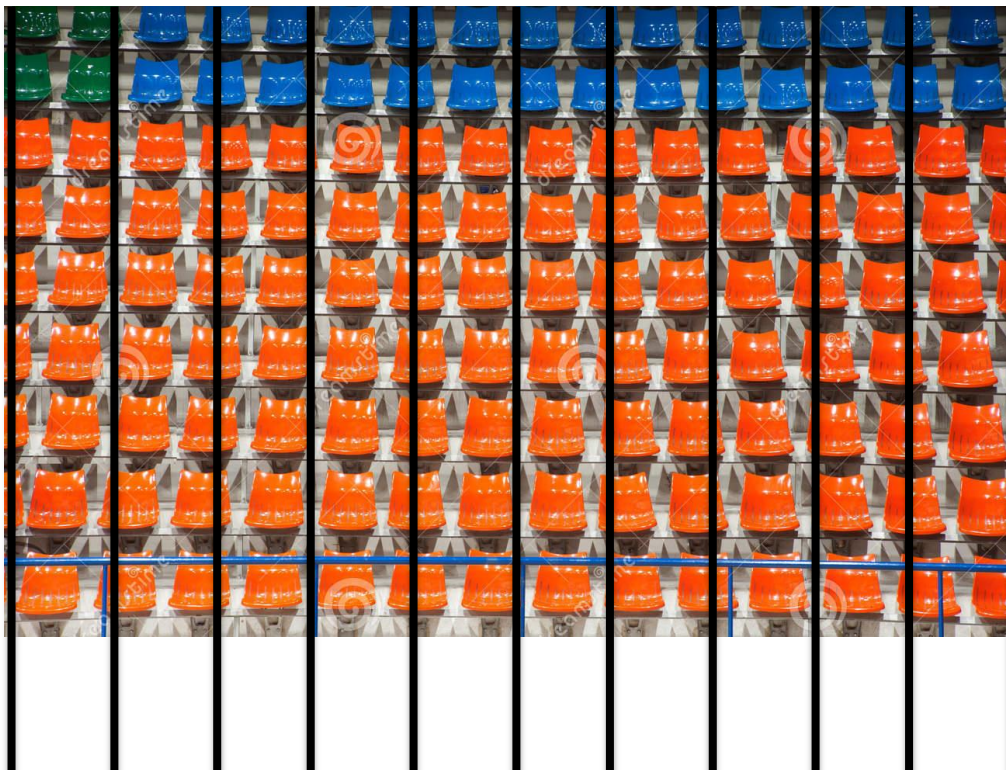   How much water did she drink? Use the model to support your answer.

2) The cereal box below have a volume of 180 cubic inches. Only 80% of the box contains cereal. How much
    cereal is in the box? Use the model to support your answer.

3) There are 200 calories in a candy bar. Eileen has eaten 85% of the candy bar. How many calories has she consumed? Use the model to support your answer.
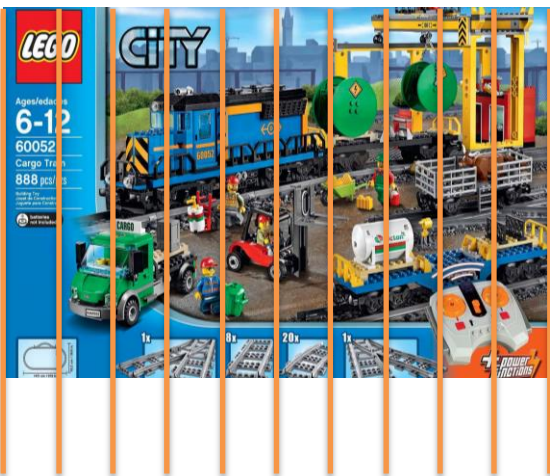

4) The bleachers at the football game were 70% filled. If there were 840 people at the game, how many people does the stadium hold? Use the model to support your answer.

5) The iPad below costs $400.00. It is currently on sale for 20% off. How much will you need to pay for the iPad? Use the model to support your answer.
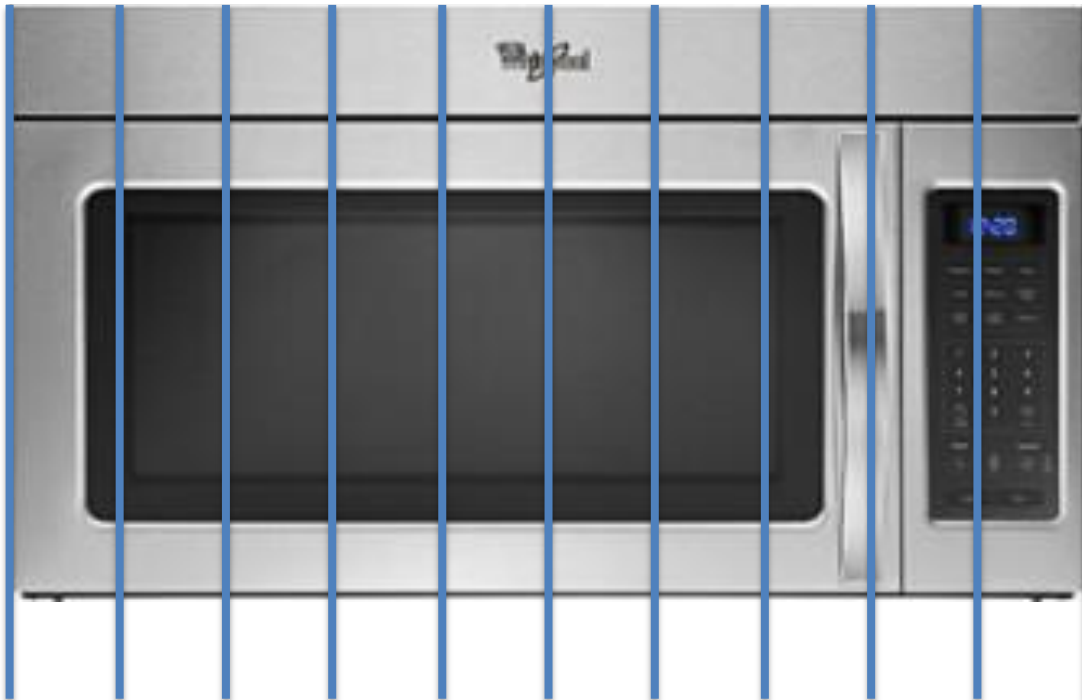

6) The Lego set below originally cost $80.00. You have a coupon for 15% off one item. How much will you pay for the Lego set after the discount? Use the model to support your answer.

7) The Amazon Echo is on sale for 25% off. The original price was $150.00. How much will you pay for the Echo after the sale? Use the model to support your answer.

8) You paid $220.00 for a microwave after a 20% off coupon. What was the original cost of the microwave? Use the model to support your answer.

9) Your dinner bill came to a total of $60.00. You want to leave a 20% tip. What will you pay in total for the food and tip? Use the model to support your answer.

10) You purchase a television for $1400.00. How much will you pay in total after the 5% tax is applied? Use the model to support your answer.

11) You have pizza delivered to your house and you want to give the delivery person a 15% tip. The cost for the food is $35.00. How much will you pay in total, including the tip? Use the model to support your answer.

12)   After paying for dinner and leaving a 20% tip, you paid a total of $156. What was the cost of the food? Use the model to support your answer.