Problem Solving

LEsson 3-4 Decimals and Metric Measurement

Write the correct answer.

1. The St. Gotthard Tunnel in Switzerland is the world’s longest tunnel. It is 16.3 kilometers long. What is the tunnel’s length in meters?

2. Ostriches are the world’s heaviest birds. On average, they weigh 156,500 grams. How many kilograms does the average ostrich weigh?

3. The huge flower of the titam arum plant of Sumatra only lives for one day. During that time it grows 75 millimeters. What is the flower’s height in centimeters?

4. The average male elephant drinks about 120,000 milliliters of water each day. How many liters of water do most male elephants drink each day?

Circle the letter of the correct answer.

5. If you want to measure the length of a pencil, which metric unit would be best to use?
   A meter
   B kilometer
   C centimeter
   D inch

6. If you want to measure how much a refrigerator weighs, which metric unit would be best to use?
   F kilogram
   G liter
   H pound
   J gram

7. Tim measured how much water his eyedropper can hold. Which of the following could be the correct measurement?
   A 2 liters
   B 2 milliliters
   C 2 grams
   D 2 kilograms

8. Which of the following best describes the distance from New York City to Boston, Massachusetts?
   F 330 meters
   G 330 centimeters
   H 330 kilometers
   J 330 millimeters