

Unit 9 Converting Units Quiz

Unit 9 Geometry Day 3

Name _____
Date _____ Period _____

LENGTH

Customary

1 mile (mi) = 1,760 yards (yd)
1 yard (yd) = 3 feet (ft)
1 foot (ft) = 12 inches (in.)

Metric

1 kilometer (km) = 1,000 meters (m)
1 meter (m) = 100 centimeters (cm)
1 centimeter (cm) = 10 millimeters (mm)

WEIGHT AND MASS

Customary

1 ton (T) = 2,000 pounds (lb)
1 pound (lb) = 16 ounces (oz)

Metric

1 kilogram (kg) = 1,000 grams (g)
1 gram (g) = 1,000 milligrams (mg)

1. Jason is $1 \frac{3}{4}$ meters tall. Which of the following is equivalent to $1 \frac{3}{4}$ meters?
 - A. 125 cm
 - B. 175 cm
 - C. 1,250 cm
 - D. 1,750 cm

2. Jason weighs 70 kg. Which of the following is equivalent to 70 kg in grams?
 - A. 7,000 g
 - B. 70,000 g
 - C. 154 g
 - D. 1,540 g

3. A soccer field is 110 meters long. Which of the following is equivalent to 110 meters?
 - A. 0.11 km
 - B. 1.1 km
 - C. 11 km
 - D. 1,100 km

4. An apple weighs 150 g. Which of the following is equivalent to 150 g?
 - A. 2,400 kg
 - B. 2.4 kg
 - C. 150,000 kg
 - D. 0.150 kg

5. A giraffe is 18 feet tall. Which of the following is equivalent to 18 feet?
 - A. 15 in
 - B. 1.5 in
 - C. 180 in
 - D. 216 in

6. A buffalo weighs $\frac{1}{2}$ ton. Which of the following is equivalent to $\frac{1}{2}$ ton?
 - A. 160 oz
 - B. 1,600 oz
 - C. 16,000 oz
 - D. 160,000 oz

7. An aircraft carrier is two-tenths of a mile long. Which of the following is equivalent to two-tenths of a mile?
 - A. 200 yd
 - B. 352 yd
 - C. 880 y
 - D. 8,800 yd

8. A pineapple weighs 32 ounces. Which of the following is equivalent to 32 ounces?
 - A. 2 lb
 - B. 4 lb
 - C. 40 lb
 - D. 512 lb