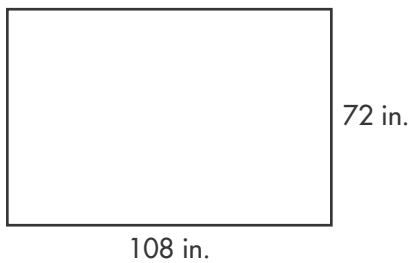


Name _____

1. Which of the following are equivalent to 4 grams? Select all that apply. **1 point**

- 0.004 milligram
 40 kilograms
 4,000 milligrams
 40 milligrams
 0.004 kilogram

2. A bulletin board in Mr. Nava's classroom is shown.



- A. How can you convert the dimensions of the bulletin board from inches to yards? **1 point**

Sample answer:
Divide the number of inches by 12 to convert to feet. Then divide the number of feet by 3 to find the number of yards.

- B. What is the area of the bulletin board in square yards? **1 point**

6 square yards

3. Which of the following equations can be used to find how many meters are in 57 kilometers? **1 point**

- (A) $57 \div 100 = 0.57$ meter
 (B) $100 \times 57 = 5,700$ meters
 (C) $57 \times 1,000 = 57,000$ meters
 (D) $57 \div 1,000 = 0.057$ meter

4. A. An adult African elephant weighs approximately 8 tons. How can you convert 8 tons to pounds? **1 point**

Sample explanation:
Multiply 8 by 2,000 to convert to pounds.

- B. Which comparison is true? **1 point**

- (A) 8 tons = 20,000 pounds
 (B) 8 tons < 20,000 pounds
 (C) 8 tons > 100,000 pounds
 (D) 8 tons = 24,000 pounds

5. A water bottle contains 2,000 milliliters of liquid. A water jug can hold 6 liters of liquid. How many water bottles must be emptied into the water jug in order to fill it? **1 point**

3 water bottles

6. Select each equation that the number 10 will make true. **1 point**

- ? mm = 1 cm
- ? cm = 1 m
- ? cm = 1 dm
- ? m = 1 km
- ? dm = 1 m

7. Choose the equivalent measurement for the given measurements on the left. **1 point**

	$1\frac{1}{4}$ cups	5 pints	$2\frac{1}{2}$ gallons	5 quarts
10 cups	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10 pints	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
10 fl oz	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10 quarts	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

8. Select all lengths that are equal to 4 yards 3 feet. **1 point**

- 5 yards
- 3 yards 9 feet
- 15 feet
- 12 feet 12 inches
- 150 inches

9. Write and solve an equation to find how many liters are in 750 milliliters. **2 points**

$$750 \div 1,000 = 0.75 \text{ L}$$

10. Asim mixed 5 gallons of paint. Which of the following can be used to find the number of pints of paint that Asim mixed? **1 point**

- A $5 \times 4 \times 2$
- B $5 \times 4 \div 2$
- C $5 \times 2 \times 2$
- D $5 \div 2 \times 2$

11. A school has 3 tons of gravel to be spread over the playground. The members of the landscaping crew can move 80 pounds of gravel in each wheelbarrow load.

A. How can the foreman convert 3 tons to pounds? **1 point**

Multiply 3 by 2,000.

B. How many wheelbarrow loads will it take to move all of the gravel? **1 point**

75 loads

12. During a football game, the ball is placed 20 yards 2 feet from the goal line. How many feet from the goal line is the football? **1 point**

62 feet

13. Write and solve an equation to convert 6.75 kilometers to meters. **2 points**

$$6.75 \times 1,000 = 6,750 \text{ meters}$$