

Name \_\_\_\_\_

1. A porch is 5 yards long. What is the length of the porch in feet? **1 point**

**15 feet**

2. Mr. Evans drove 10 kilometers to work. How many meters did he drive? **1 point**

- (A) 100 meters
- (B) 1,000 meters
- (C) 10,000 meters**
- (D) 100,000 meters

3. Select the equivalent measurement for each measurement on the left. **1 point**

	252 in.	10 cups	10,000 lb	84 in.
7 ft	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5 tons	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5 pt	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7 yd	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

4. A rug is 7 feet long and 5 feet wide. Write and solve an equation to find the area of the rug. **2 points**

**Sample answer:  $7 \times 5 = a$ ;  $a = 35$  square feet**

5. Mrs. Snyder has three different containers in which she stores soup. When full, Container A holds 80 fluid ounces, Container B holds 6 pints, and Container C holds 2 quarts of soup. Which container has the greatest capacity? Explain. **2 points**

**Container B; Sample answer: I converted all measures to fluid ounces and then compared capacities. Container A = 80 fl oz  
Container B = 6 pt = 12 c = 96 fl oz  
Container C = 2 qt = 8 c = 64 fl oz**

6. Mario drank 1 liter of water. How many milliliters did Mario drink? **1 point**

**1,000 milliliters**

7. Choose numbers from the box to complete the table. Some numbers will not be used. **1 point**

Tons	Pounds		
1	<b>2,000</b>	1,000	1,500
$1\frac{1}{2}$	<b>3,000</b>	2,000	3,000
2	<b>4,000</b>	3,500	4,000
$2\frac{1}{2}$	<b>5,000</b>	4,500	5,000
3	<b>6,000</b>	5,500	6,000

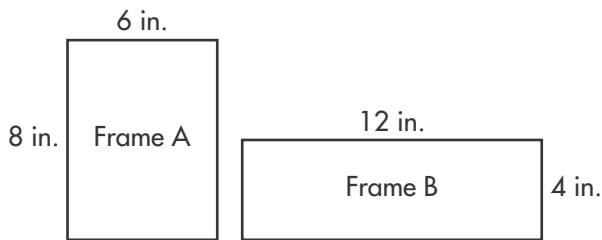
8. Select each correct equation. **1 point**

- 1 kg = 100 g
- 80 fl oz = 12 c
- 5 m = 500 cm
- 2 L = 2,000 mL
- 300 yd = 100 ft

9. Noah walked 3 kilometers from his house to school. From school, he walked 800 meters in all to and from the park. Then he walked home. How many meters did Noah walk in all? **1 point**

**6,800 meters**

10. Which statement is true about the picture frames below? **1 point**



- A Frame A has a greater area than Frame B.
- B The perimeter of Frame A is greater than the perimeter of Frame B.
- C They have the same perimeter.
- D None of the above

11. Georgia ran a 5-kilometer race. How many meters did she run? **1 point**

**5,000 meters**

12. The pages in Erin's album are 10 inches wide and 12 inches long.

Pictures on One Page	Area of Pictures (square inches)
Family Portrait	40
Pets	12
Beach Vacation	20
Camp	24

A. What is the area of an album page? **1 point**

**120 square inches**

B. How much area is used by the pictures on the page? How much area is left for additional pictures? Write and solve equations to find the areas. **2 points**

**Area of pictures:  $40 + 12 + 20 + 24 = 96$  sq in.**  
**Area left for additional pictures:  $120 - 96 = 24$  sq in.**

13. Select the equivalent measurement for each measurement on the left. **1 point**

	4,000 m	4,000 mm	4,000 mg	4,000 mL
4 m	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4 L	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4 km	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4 g	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>