Name _____

Metric Measures

COMMON CORE STANDARD CC.5.MD.1

Convert like measurement units within a given measurement system.

Convert.

1. 16 m = 16,000 mm

number of meters → 16 × millimeters in 1 meter → 1,000 = number of millimeters → 16,000

16 m = 16,000 mm

2. 6,500 cL = 65 L

3. 15 cm = 150 mm

4. 3,200 g = 3.2 kg

5. 12 L = 12,000 mL

6. 200 cm = 2 m

7. 70,000 g = 70 kg

8. 100 dL = 10 L

9. 60 m = 60,000 mm

Compare. Write <, >, or =.

10. 900 cm = 9,000 mm

11. 600 km > 5 m

12. 5,000 cm > 5 m

13. 18,000 g > 10 kg

14. 8,456 mL < 9 L

15. 2 m < 275 cm

Problem Solving REAL WORLD

16. Bria ordered 145 centimeters of fabric. Jayleen ordered 1.5 meters of fabric. Who ordered more fabric?

Jayleen

17. Ed fills his sports bottle with 1.2 liters of water. After his bike ride, he drinks 200 milliliters of the water. How much water is left in Ed's sports bottle?

1 L, or 1,000 mL

TEST PREP

Lesson Check (CC.5.MD.1)

1. Quan bought 8.6 meters of fabric. How many centimeters of fabric did he buy?

   (A) 86 centimeters
   (B) 860 centimeters
   (C) 8,600 centimeters
   (D) 86,000 centimeters

2. Jason takes 2 centiliters of medicine. How many milliliters is this?

   (A) 200 milliliters
   (B) 20 milliliters
   (C) 0.2 milliliter
   (D) 0.02 milliliter

Spiral Review (CC.5.NF.1, CC.5.MD.1, CC.5.G.1)

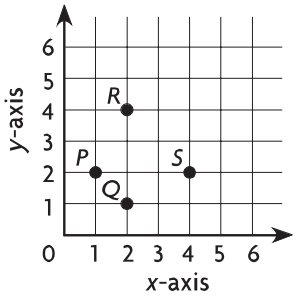
3. Yolanda needs 5 pounds of ground beef to make lasagna for a family reunion. One package of ground beef weighs $2\frac{1}{2}$ pounds. Another package weighs $2\frac{3}{5}$ pounds. How much ground beef will Yolanda have left over after making the lasagna? **(Lesson 6.6)**

   (A) $\frac{1}{2}$ pound
   (B) $\frac{1}{3}$ pound
   (C) $\frac{1}{5}$ pound
   (D) $\frac{1}{10}$ pound

4. A soup recipe calls for $2\frac{3}{4}$ quarts of vegetable broth. An open can of broth contains $\frac{1}{2}$ quart of broth. How much more broth do you need to make the soup? **(Lesson 6.6)**

   (A) $\frac{1}{2}$ quart
   (B) 2 quarts
   (C) $2\frac{1}{4}$ quarts
   (D) $3\frac{1}{4}$ quarts

5. Which point on the graph is located at (4, 2)? **(Lesson 9.2)**



   (A) *P*
   (B) *Q*
   (C) *R*
   (D) *S*

6. A bakery supplier receives an order for 2 tons of sugar from a bakery chain. The sugar is shipped in crates. Each crate holds eight 10-pound bags of sugar. How many crates does the supplier need to ship to fulfill the order? **(Lesson 10.4)**

   (A) 50
   (B) 80
   (C) 200
   (D) 4,000