

Name \_\_\_\_\_

**Multistep Measurement Problems**

COMMON CORE STANDARD CC.5.MD.1

Convert like measurement units within a given measurement system.

Solve.

1. A cable company has 5 miles of cable to install. How many 100-yard lengths of cable can be cut?

Think:  $1,760 \text{ yards} = 1 \text{ mile}$ .So the cable company has  $5 \times 1,760$ , or 8,800 yards of cable.Divide.  $8,800 \div 100 = 88$ **88 lengths**

2. Afton made a chicken dish for dinner. She added a 10-ounce package of vegetables and a 14-ounce package of rice to 40 ounces of chicken. What was the total weight of the chicken dish in pounds?
3. A jar contains 26 fluid ounces of spaghetti sauce. How many cups of spaghetti sauce do 4 jars contain?
4. Coach Kent brings 3 quarts of sports drink to soccer practice. He gives the same amount of the drink to each of his 16 players. How many ounces of the drink does each player get?

5. Leslie needs 324 inches of fringe to put around the edge of a tablecloth. The fringe comes in lengths of 10 yards. If Leslie buys 1 package of fringe, how many feet of fringe will she have left over?

6. Darnell rented a moving truck. The weight of the empty truck was 7,860 pounds. When Darnell filled the truck with his items, it weighed 6 tons. What was the weight in pounds of the items that Darnell placed in the truck?

**Problem Solving** 

7. A pitcher contains 40 fluid ounces of iced tea. Shelby pours 3 cups of iced tea. How many pints of iced tea are left in the pitcher?
8. Olivia ties 2.5 feet of ribbon onto one balloon. How many yards of ribbon does Olivia need for 18 balloons?

### Lesson Check (CC.5.MD.1)

- Leah is buying curtains for her bedroom window. She wants the curtains to hang from the top of the window to the floor. The window is 4 feet high. The bottom of the window is  $2\frac{1}{2}$  feet above the floor. What curtain length should Leah buy?
  - (A) 72 inches
  - (B) 78 inches
  - (C) 84 inches
  - (D) 104 inches
- Brady buys 3 gallons of fertilizer for his lawn. After he finishes spraying the lawn, he has 1 quart of fertilizer left over. How many quarts of fertilizer did Brady spray on the lawn?
  - (A) 3 quarts
  - (B) 7 quarts
  - (C) 11 quarts
  - (D) 15 quarts

### Spiral Review (CC.5.OA.3, CC.5.MD.1, CC.5.NF.7b)

- A jump rope is 9 feet long. How long is the jump rope in yards? (Lesson 10.1)
  - (A)  $\frac{3}{4}$  yard
  - (B) 3 yards
  - (C) 27 yards
  - (D) 108 yards
- Which of the following measurements is NOT equal to 8 cups? (Lesson 10.2)
  - (A) 1 gallon
  - (B) 2 quarts
  - (C) 4 pints
  - (D) 64 fluid ounces
- What is the unknown number in Sequence 2 in the chart? (Lesson 9.5)
 

Sequence Number	1	2	3	5	7
Sequence 1	3	6	9	15	21
Sequence 2	6	12	18	30	?
- A farmer divides 20 acres of land into  $\frac{1}{4}$ -acre sections. Into how many sections does the farmer divide her land? (Lesson 8.2)
  - (A) 4
  - (B) 5
  - (C) 16
  - (D) 80

- (A) 32
- (B) 35
- (C) 36
- (D) 42