

Name _____

Multistep Measurement Problems



COMMON CORE STANDARD—5.MD.A.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 yards = 1 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. An office supply company is shipping a case of wooden pencils to a store. There are 64 boxes of pencils in the case. If each box of pencils weighs 2.5 ounces, what is the weight, in pounds, of the case of wooden pencils?

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?

9. **WRITE** *Math* An object moves on a conveyor belt at a speed of 60 inches per second. Explain how you could convert the speed to feet per minute.

Lesson Check (5.MD.A.1)

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. How many inches long should Leah's curtains be?
2. 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?

Spiral Review (5.OA.B.3, 5.MD.A.1, 5.NF.B.7b)

3. A jump rope is 9 feet long. How long is the jump rope in yards?
4. Fill in the blanks to make the following statement true.

$$8 \text{ cups} = \underline{\hspace{2cm}} \text{ quarts} = \underline{\hspace{2cm}} \text{ pints.}$$

5. What is the unknown number in Sequence 2 in the chart?
6. A farmer divides 20 acres of land into $\frac{1}{4}$ -acre sections. Into how many sections does the farmer divide her land?

Sequence Number	1	2	3	5	7
Sequence 1	3	6	9	15	21
Sequence 2	6	12	18	30	?

