Name _____ Date _____

Ready® Mathematics

Solve the problems.

1 There are 1,000 meters in 1 kilometer. How many kilometers are in 3,600 meters?

   A   3.6 kilometers

   B   36 kilometers

   C   360,000 kilometers

   D   3,600,000 kilometers

2 How many ounces are equivalent to 9 pounds? (1 pound = 16 ounces)

   Show your work.

   Answer: _____ ounces

3 Write each measurement below in the table under an equivalent measure. Some of the measurements may not have an equivalent measure. (1 yard = 3 feet, 1 foot = 12 inches)

36 inches	$\frac{1}{12}$ yard	$\frac{1}{3}$ yard	12 inches
$\frac{1}{12}$ foot	12 feet		$\frac{1}{36}$ yard

1 yard	1 foot	1 inch

1

Lesson 21 Quiz continued

4 Landon finds that the school cafeteria has 8,000 milliliters of grape juice, 4.2 liters of cranberry juice and 12,000 milliliters of orange juice. He wants to know how the amounts of the different juices compare.

Part A

Landon makes a table to help solve the problem. He knows that there are 1,000 milliliters in 1 liter. Use this information to complete the table below.

Liters	1	3	5		12	
Milliliters	1,000		5,000	8,000		14,000

Part B

Landon then decides to convert 4.2 liters of cranberry juice to milliliters so he can compare the amounts of the different juices.

Fill in the blanks to explain how Landon can do this and solve the problem.

One way to convert 4.2 liters to milliliters is to _____ the number of

liters by _____, the number of milliliters in 1 liter. This means there are

_____ milliliters in 4.2 liters. The cafeteria has the greatest amount of

_____ juice, the second greatest amount of _____ juice, and

the least amount of _____ juice.

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