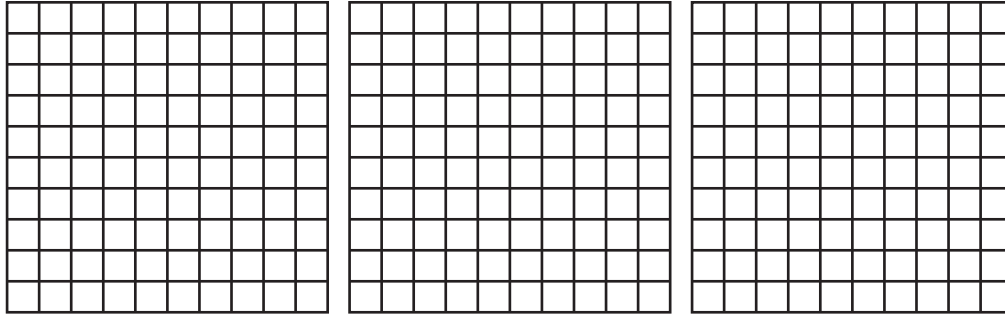# Dividing Decimals in the Real World

Name_____   Date_____

1. The city of Oakland is hosting a 2.75 kilometer race. There are 5 water stations set up at equal intervals along the race route. What is the distance between each water station? Draw a model to solve.

0.55 kilometers
_____

Use the standard algorithm to find the correct answer.

2. Amir ran 26.2 miles in 5 hours. On average, how many miles did he run per hour?

5.24 miles per hour
_____

3. According to the nutrition label, a chocolate bar is 2 servings. If the whole bar is 3.52 ounces, how many ounces of chocolate are in one serving?

1.76 ounces
_____

4. Haley, Jojo, and Renée ordered pizza and agreed to share the cost. After tax, the pizza cost $29.13. If the three friends split the cost equally, how much should each pay?

$9.71
_____

5. Candice bought 6 pounds of nails at the hardware store. If she paid $22.14 altogether, what was the cost of one pound of nails?

$3.69
_____

6. Help! Kendrick drew a model to solve the division problem 1.8 ÷ 6 = ___ , but he realized he made a mistake. What did Kendrick do wrong?

Kendrick made groups of six tenths instead of dividing 1.8 into six groups.
The correct answer is 0.3