Dividing Decimals in the Real World
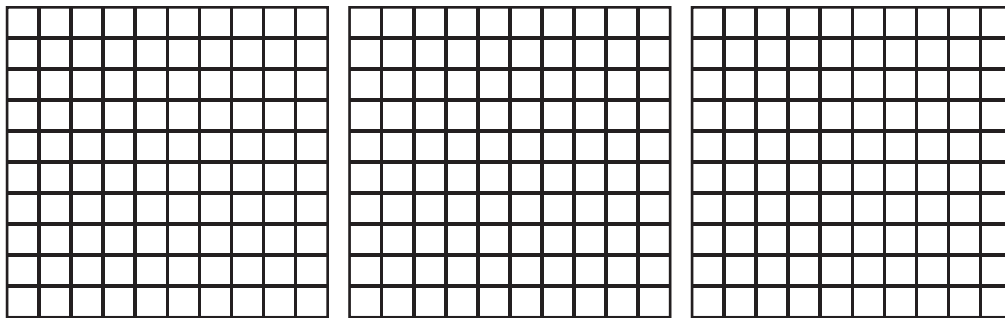
Name_____   Date_____

Use the standard algorithm to find the correct answer.

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.

_____

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

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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?

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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?

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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?

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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?

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$$1.8 \div 6 = 3$$