## Dividing Decimals in the Real World

## Name

$\qquad$ Date $\qquad$
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?
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?
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?
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?
6. Help! Kendrick drew a model to solve the division problem $1.8 \div 6=$ $\qquad$ , but he realized he made a mistake. What did Kendrick do wrong?
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