## Unit 3 Lesson 19 Cumulative Practice Problems

1. Use long division to show that the fraction and decimal in each pair are equal.
* $\frac{3}{4}$ and 0.75
* $\frac{3}{50}$ and 0.06
* $\frac{7}{25}$ and 0.28
*
1. Mai walked $\frac{1}{8}$ of a 30-mile walking trail. How many miles did Mai walk? Explain or show your reasoning.
2. Use long division to find each quotient. Write your answer as a decimal.
	1. $99÷12$
	2. $216÷5$
	3. $1,​988÷8$
3. Here is a diagram representing a base-ten number. The large rectangle represents a unit that is 10 times the value of the square. The square represents a unit that is 10 times the value of the small rectangle.
* 
* Here is a diagram showing the number being divided into 5 equal groups.
* 
	1. If a large rectangle represents 1,000, what division problem did the second diagram show? What is its answer?
	2. If a large rectangle represents 100, what division problem did the second diagram show? What is its answer?
	3. If a large rectangle represents 10, what division problem did the second diagram show? What is its answer?
* (From Unit 3, Lesson 20.)
1. Complete the calculations so that each shows the correct difference.
* 
* (From Unit 3, Lesson 15.)
1. Use the equation $124⋅15=1,​860$ and what you know about fractions, decimals, and place value to explain how to place the decimal point when you compute $(1.24)⋅(0.15)$.
* (From Unit 3, Lesson 16.)



© CC BY Open Up Resources. Adaptations CC BY IM.