## Unit 5 Lesson 11 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. Tyler reasoned: “$\frac{9}{25}$ is equivalent to $\frac{18}{50}$ and to $\frac{36}{100}$, so the decimal of $\frac{9}{25}$ is 0.36.”

	1. Use long division to show that Tyler is correct.
	2. Is the decimal of $\frac{18}{50}$ also 0.36? Use long division to support your answer.
4. Complete the calculations so that each shows the correct difference.
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* (From Unit 5, Lesson 4.)
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 5, Lesson 6.)



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