## Unit 3 Lesson 18 Cumulative Practice Problems

1. Andre and Jada both found $657÷3$ using the partial quotients method, but they did the calculations differently, as shown here.
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	1. How is Jada's work the same as Andre’s work? How is it different?
	2. Explain why they have the same answer.
1. Here is a long-division calculation of $917÷7$.
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	1. There is a 7 under the 9 of 917. What does this 7 represent?
	2. What does the subtraction of 7 from 9 mean?
	3. Why is a 1 written next to the 2 from $9−7$?
1. Han's calculation of $972÷9$ is shown here.
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	1. Find $180⋅9$.
	2. Use your calculation of $180⋅9$ to explain how you know Han has made a mistake.
	3. Identify and correct Han’s mistake.
1. Find each quotient.
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1. The mass of one coin is 16.718 grams. The mass of a second coin is 27.22 grams. How much greater is the mass of the second coin than the first? Show your reasoning.
* (From Unit 3, Lesson 15.)
1. One micrometer is a millionth of a meter. A certain spider web is 4 micrometers thick. A fiber in a shirt is 1 hundred-thousandth of a meter thick.
	1. Which is wider, the spider web or the fiber? Explain your reasoning.
	2. How many meters wider?
* (From Unit 3, Lesson 15.)



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