## Unit 3 Lesson 13 Cumulative Practice Problems

1. Mai had $14.50. She spent $4.35 at the snack bar and $5.25 at the arcade. What is the exact amount of money Mai has left?
	1. $9.60
	2. $10.60
	3. $4.90
	4. $5.90
2. A large cheese pizza costs $7.50. Diego has $40 to spend on pizzas. How many large cheese pizzas can he afford? Explain or show your reasoning.
3. Tickets to a show cost $5.50 for adults and $4.25 for students. A family is purchasing 2 adult tickets and 3 student tickets.
	1. Estimate the total cost.
	2. What is the exact cost?
	3. If the family pays $25, what is the exact amount of change they should receive?
4. Chicken costs $3.20 per pound, and beef costs $4.59 per pound. Answer each question and show your reasoning.
	1. What is the exact cost of 3 pounds of chicken?
	2. What is the exact cost of 3 pound of beef?
	3. How much more does 3 pounds of beef cost than 3 pounds of chicken?
	4. How many $\frac{1}{5}$-liter glasses can Lin fill with a $1\frac{1}{2}$-liter bottle of water?
	5. How many $1\frac{1}{2}$-liter bottles of water does it take to fill a 16-liter jug?
* (From Unit 3, Lesson 12.)
1. Let the side length of each small square on the grid represents 1 unit. Draw two different triangles, each with base $5\frac{1}{2}$ units and area $19\frac{1}{4}$ units2.
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* Why does each of your triangles have area $19\frac{1}{4} units^{2}$? Explain or show your reasoning.
* (From Unit 3, Lesson 10.)
1. Find each quotient.
	1. $\frac{5}{6}÷\frac{1}{6}$
	2. $1\frac{1}{6}÷\frac{1}{12}$
	3. $\frac{10}{6}÷\frac{1}{24}$
* (From Unit 3, Lesson 7.)



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