

Lesson 1 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?
 - A. \$9.60
 - B. \$10.60
 - C. \$4.90
 - D. \$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.
 - a. Estimate the total cost.

 - b. What is the exact cost?

 - c. 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.

a. What is the exact cost of 3 pounds of chicken?

b. What is the exact cost of 3 pound of beef?

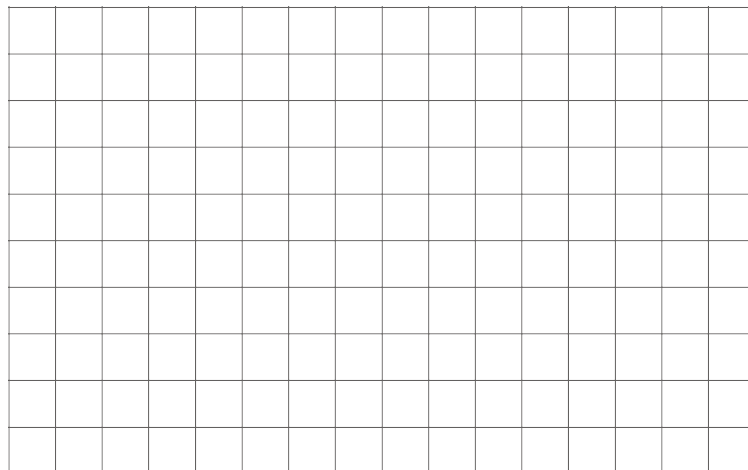
c. How much more does 3 pounds of beef cost than 3 pounds of chicken?

5. a. How many $\frac{1}{5}$ -liter glasses can Lin fill with a $1\frac{1}{2}$ -liter bottle of water?

b. How many $1\frac{1}{2}$ -liter bottles of water does it take to fill a 16-liter jug?

(From Unit 4, Lesson 16.)

6. 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.



Why does each of your triangles have area $19\frac{1}{4}$ units²? Explain or show your reasoning.

(From Unit 4, Lesson 14.)

7. Find each quotient.

a. $\frac{5}{6} \div \frac{1}{6}$

b. $1\frac{1}{6} \div \frac{1}{12}$

c. $\frac{10}{6} \div \frac{1}{24}$

(From Unit 4, Lesson 10.)