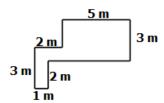
# Louisiana Sample Questions 6<sup>th</sup> Grade Math

Paper-and-pencil assessments will contain multiple choice, multiple select, and constructed response items. Online assessments will also contain technology-enhanced items.

## **Multiple Choice**

- 1. Elliot has  $\frac{5}{6}$  pound of ground beef to make hamburgers. How many  $\frac{1}{4}$ -pound hamburgers can Elliot make?
  - A  $3\frac{2}{3}$  hamburgers
  - **B**  $3\frac{1}{3}$  hamburgers
  - **C**  $2\frac{2}{3}$  hamburgers
  - **D**  $2\frac{1}{3}$  hamburgers
- 2. A figure is drawn with the given dimensions.



What is the area of the figure?

- **A** 19 m<sup>2</sup>
- **B** 18 m<sup>2</sup>
- **C** 17 m<sup>2</sup>
- **D**  $16 \text{ m}^2$
- 3. Kay owns a bakery. Last week, she paid \$45.84 for 12 gallons of milk.

How much can Kay expect to pay for 15 gallons of milk if the price per gallon remains the same?

- **A** \$57.30
- **B** \$48.84
- **c** \$42.84
- **D** \$36.67

## **Multiple Select**

- 4. Which two situations are appropriately represented by a negative integer?
  - A the coldest temperature ever recorded in Alaska
  - **B** the depth at which an inchworm is found in the dirt
  - C the elevation of a mountaintop
  - **D** the height at which an airplane is flying
  - **E** the total distance traveled along a river by a kayak

## **Constructed Response**

Constructed response items for math will be scored by teachers in each school/district using rubrics and/or scoring guides provided.

5. The table shows the costs of different pairs of shoes at two different stores. Walk-for-Less sells the same shoes as the Department Store for a discounted price.

	Department Store	Walk-for-Less
Pair 1	\$15.00	\$12.00
Pair 2	\$20.00	\$16.00
Pair 3	\$25.00	\$20.00
Pair 4	\$35.00	\$28.00
Pair 5	\$45.00	\$36.00

#### Part A

Are the prices of the shoes at Walk-for-Less always discounted the same percentage as compared to the prices of the shoes at the Department Store? In 1-2 sentences, explain your answer.

#### Part B

If a pair of shoes costs \$30.00 at the Department Store, what is *most likely* the cost of the pair of shoes at Walk-for-Less? In 1-2 sentences, explain your answer.