## Louisiana Sample Questions $6^{\text {th }}$ 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 $19 \mathrm{~m}^{2}$
B $18 \mathrm{~m}^{2}$
C $17 \mathrm{~m}^{2}$
D $16 \mathrm{~m}^{2}$
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.

