

EYE ON MASTERY  
Instructor Guided Practice Skills

SECTION 1

9. Find the fractional probability.

There are cards with the names of each of the states of the United States in a bowl. If one of the cards is selected at random, what is the probability it will be Texas?

10. Approximate solutions to problem situations.

Mrs. Casas is buying gas for the car. The gas station is charging \$1.19 for each gallon of gas. If the gas station attendant puts in 8.7 gallons of gas, about how much will this cost Mrs. Casas?

Charlie is buying ground beef at the grocery store. The cost is \$1.95 per pound. If he purchases 3.15 pounds, estimate the total cost of this ground beef.

9. There are 21 students in science class and 12 of these students are girls. If 1 student is selected at random to deliver a message to the office, what is the probability it will be a girl?

A  $\frac{1}{12}$

B  $\frac{3}{7}$

C  $\frac{4}{7}$

D  $\frac{3}{4}$

10. Todd wants to buy a new pair of sunglasses that costs \$59.95. If he earns \$6.10 each day he delivers newspapers, about how many days will he need to deliver newspapers to buy the sunglasses?

A 6 days

B 8 days

C 10 days

D 12 days

Grade 6 Samples

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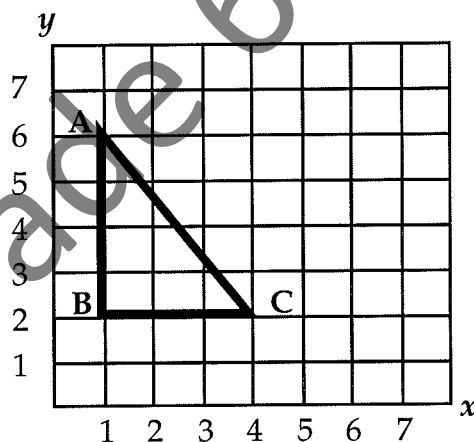
SECTION 3

8. Convert these fractions, decimals, and percents.

	<u>FRACTION</u>	<u>DECIMAL</u>	<u>PERCENT</u>
I	$\frac{1}{5}$	---	---
II	---	0.25	---
III	---	---	50%

9. Demonstrate an understanding of geometric properties.

A triangle is shown on the grid.

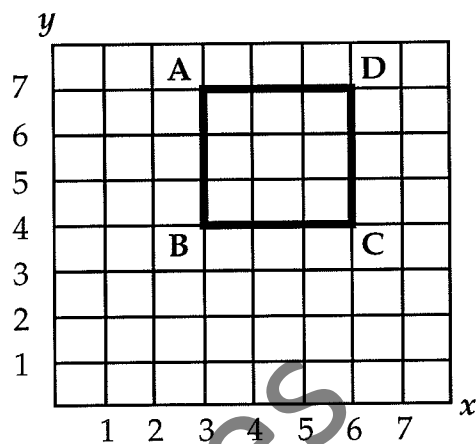


What will be the new coordinates of vertex B after the triangle is reflected across line segment AC?

8. Tammy made 75% of her free throw attempts during the championship game. How can this be represented in fraction form?

- A  $\frac{1}{2}$
- B  $\frac{2}{3}$
- C  $\frac{3}{4}$
- D  $\frac{4}{5}$

9. A square is shown on the grid.



What will be the new coordinates of vertex A after the square is reflected across line segment BC?

- A (3, 7)
- B (3, 4)
- C (3, 1)
- D (1, 3)