#### Unit 12

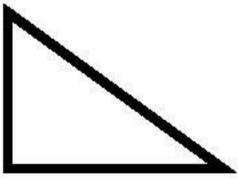
# How Ready Am I?

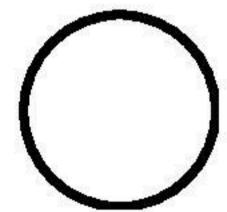
Name

- I. Which is true for a square?
  - A. It has 5 vertices.
  - **B.** It has more sides than vertices.
  - **C.** All its sides are the same length.
  - D. 2 sides are short. 2 sides are long.
- 2. Which is true for a rectangle?
  - A. It is a closed 2-dimensional shape.
  - **B.** It has 5 vertices.
  - C. All its sides are the same length.
  - D. 3 sides are short. I sides is long.
- 3. Which is a triangle?



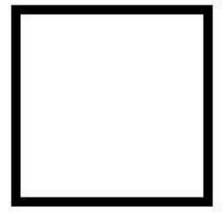
В.



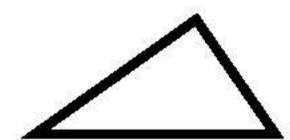


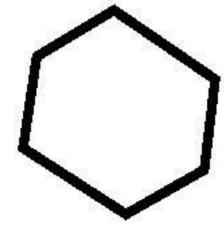
4. Which is a hexagon?

Α.

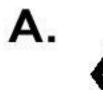


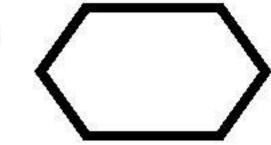
В.



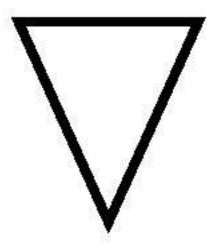


## 5. Which has 4 vertices?

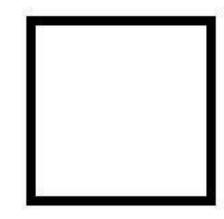




В.

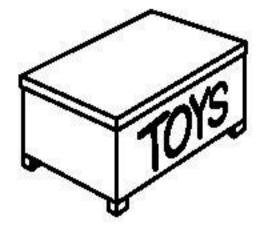


C

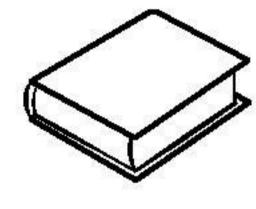


6. Which is shaped like a cylinder?

A.



В.

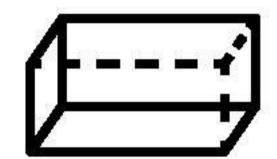


C

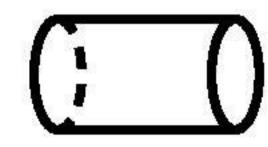


7. Which is a rectangular prism?

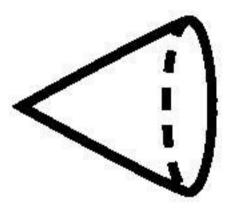
Α.



В.

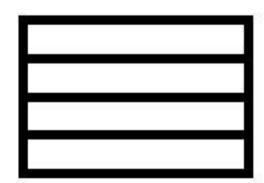


C.

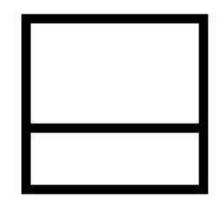


8. Which shows equal shares?

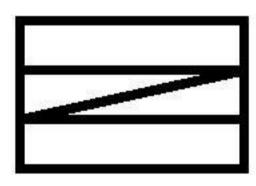
Α.



В.

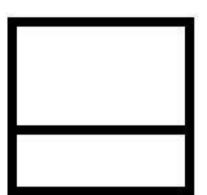


C.

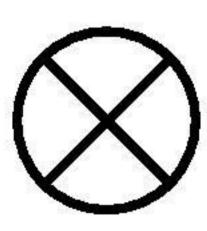


9. Which shows halves?

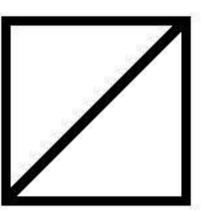
A.



В.

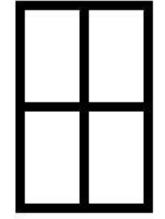


C

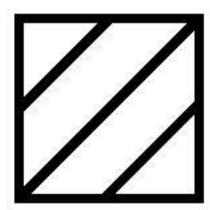


10. Which shows fourths?

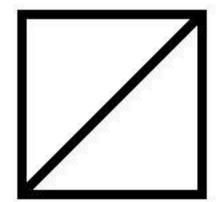
A.



В.



C.



# Exit Ticket

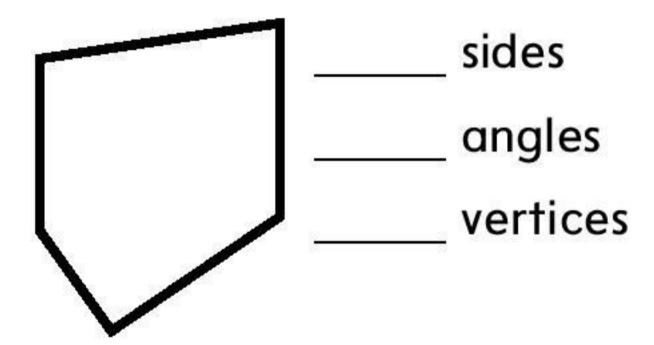
Name

- I. Which shape has 6 sides, 6 angles, and 6 vertices?
  - A. triangle

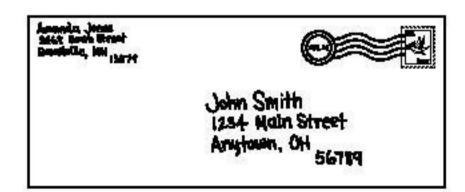
**B.** quadrilateral

C. pentagon

- D. hexagon
- 2. How many sides, angles, and vertices does the shape have?



3. John received this letter in the mail. What shape is the envelope?









#### Lesson 12-2

## Exit Ticket

Name

I. Draw the shape. Then write the name.

What shape has 6 sides, 6 angles, and all sides the same length?

- Draw two different shapes that have 5 sides,angles, and all sides different lengths.
- 3. Sara drew a vase. What are 3 attributes of the vase?





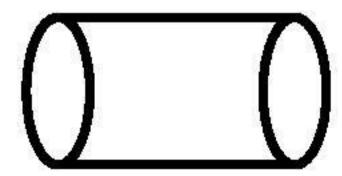




# Exit Ticket

Name

I. How many faces, edges, and vertices does the shape have? What is the shape?



\_\_\_\_faces

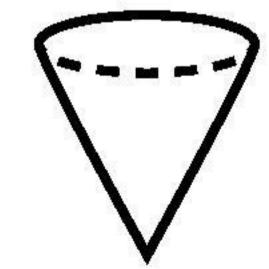
faces \_\_\_\_vertices

\_\_\_\_ edges

This shape is a \_\_\_\_\_

2. Which shapes are spheres? Choose all the correct answers.

Α.



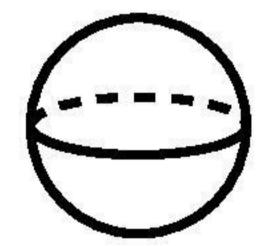
В.



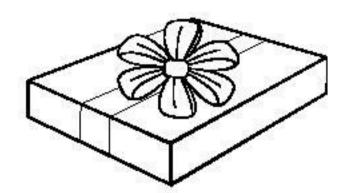
C.



D.



3. Alex got a present for his birthday. What shape is the box?









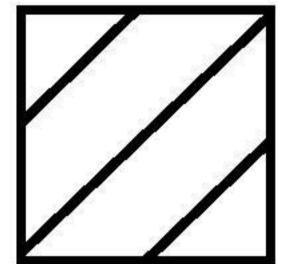
#### Lesson I2-4

# Exit Ticket

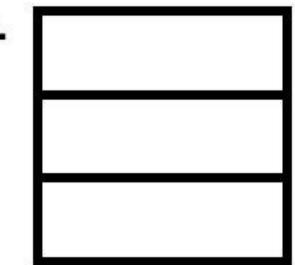
Name \_\_\_\_\_

I. Which shapes are partitioned into equal shares? Choose all the correct answers.

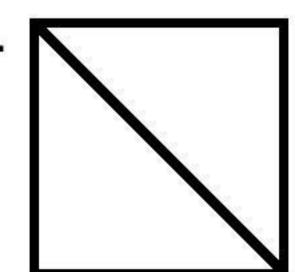




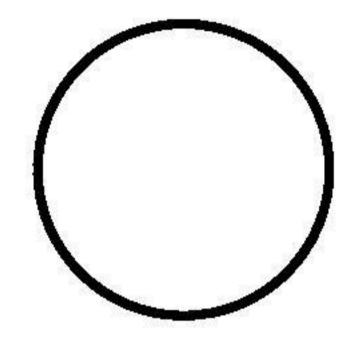
В.



C.



2. How can you partition the circle into 3 equal shares? Draw to show your work.



3. How can you partition the rectangle into 4 equal shares? Draw to show your work.







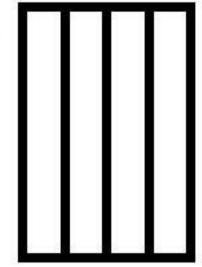


# Exit Ticket

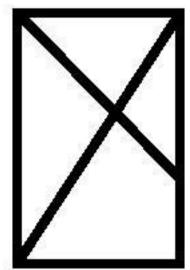
Name \_\_\_\_\_

I. Which shows how to partition the same rectangle into fourths? Choose all the correct answers.

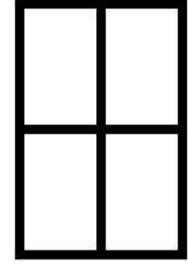
Α.



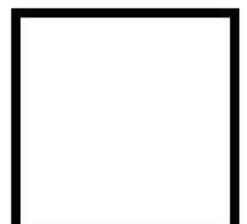
В.

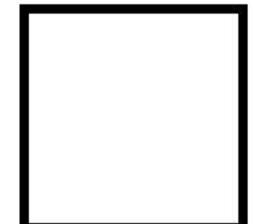


C

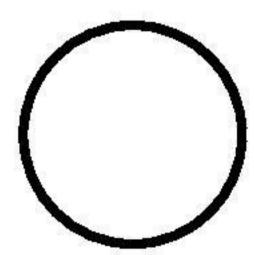


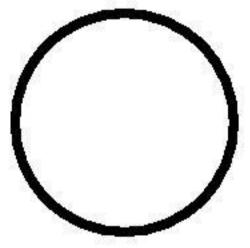
2. How can you partition the squares into thirds? Show two different ways.





3. An apple slice is in the shape of a circle. Show how to partition the apple slice into halves in two different ways.







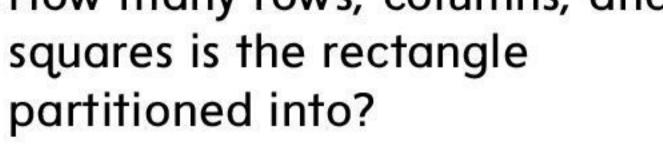


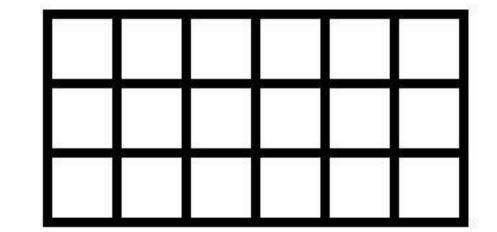


#### Lesson 12-6

# Exit Ticket

Name I. How many rows, columns, and squares is the rectangle





Rows: \_\_\_\_\_

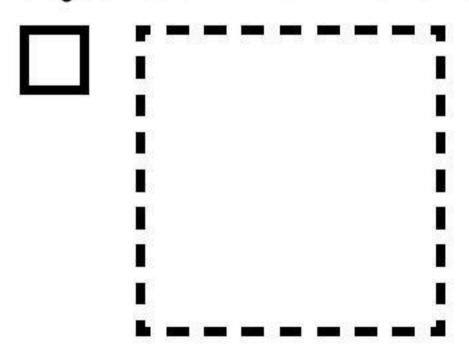
Columns:

Write an equation to find the total number of squares.

Equation:

Total squares: \_\_\_\_\_

2. How can you partition the rectangle using equal-sized squares? Draw to show your work.



Total squares:







# Performance Task

Name \_\_\_\_\_

## **Art Class**

Paul draws during art class.

## Part A

Paul draws a shape with 4 sides and 4 angles. Draw two different shapes that Paul could draw. Circle the names of *all* the shapes Paul could draw.

hexagon square

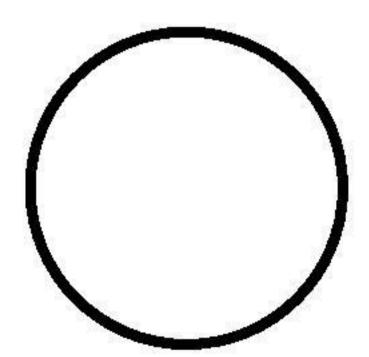
pentagon trapezoid

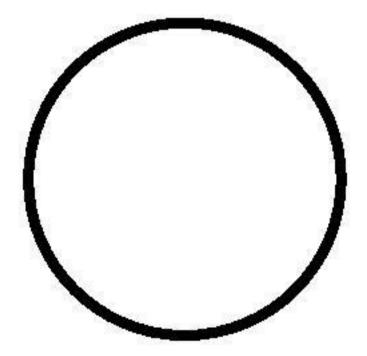
rectangle triangle

quadrilateral

#### Part B

Paul draws two circles. He divides one into halves and the other into fourths. Draw and label to show halves and fourths.



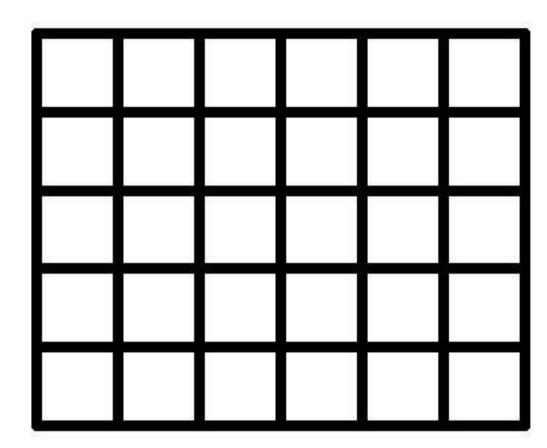


## Part C

Paul draws two rectangles. He divides the rectangles into thirds. Draw two rectangles. Then show two different ways Paul can divide the rectangles into thirds. How are the equal shares related?

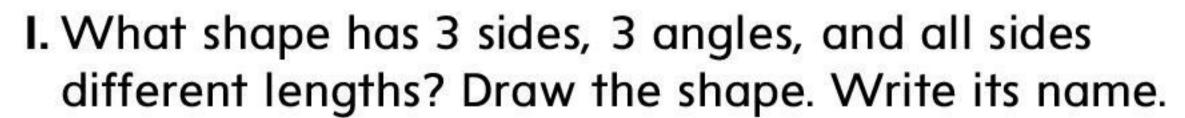
## Part D

Paul's last drawing is a large square. He partitions the large square into rows and columns of equal-sized small squares. How many rows and columns are there? Write an equation that shows the total number of small squares.

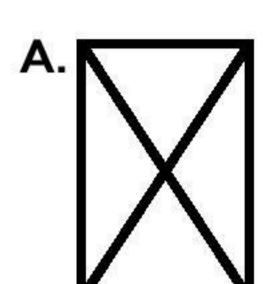


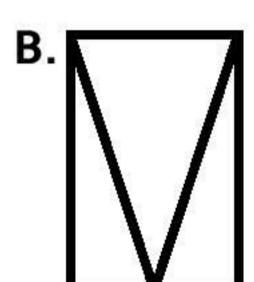
# Unit Assessment, Form A

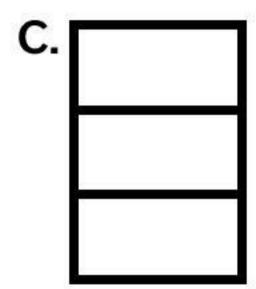
Name

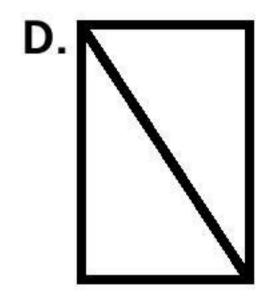


Which shapes are partitioned into equal shares?Choose all the correct answers.



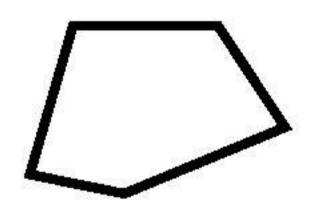




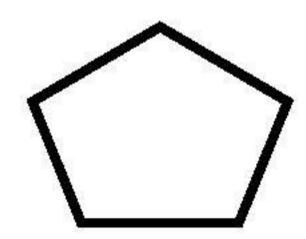


3. Which shapes are pentagons? Choose all the correct answers.

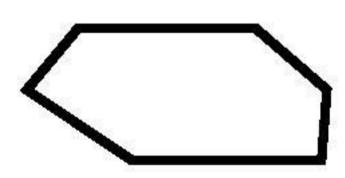




В.



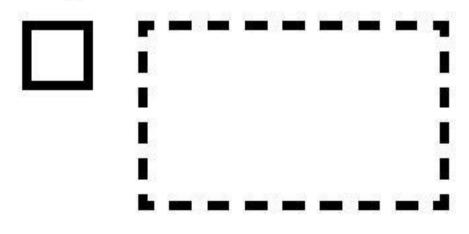
C.



D.

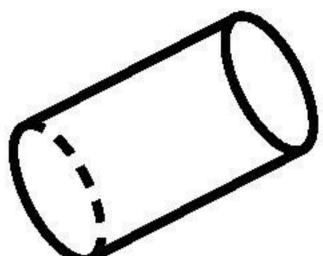


**4.** How can you partition the rectangle using equal-sized squares? Draw to show your work.



Total squares: \_\_\_\_\_

material may be reproduced for licensed classroom use only and may not be further reproduced or distributed.



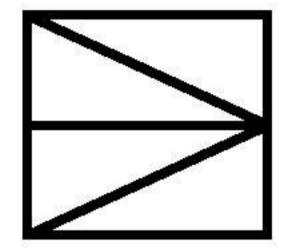
\_\_\_\_edges

vertices

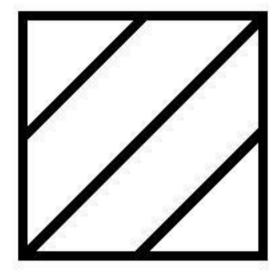
This shape is a

6. Which shows how to partition the same square into fourths? Choose all the correct answers.

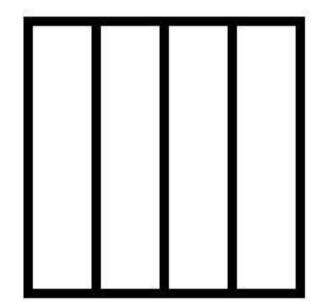




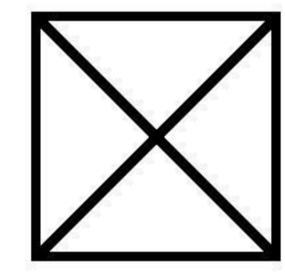
В.



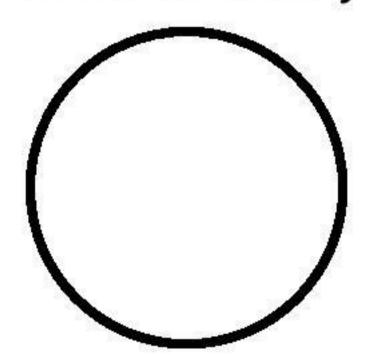
C



D.



7. How can you partition the circle into 3 equal shares? Draw to show your work.

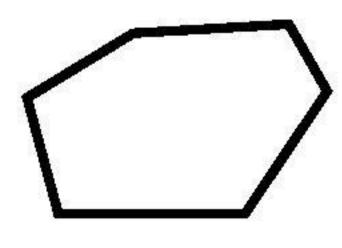


#### Unit 12

### Unit Assessment, Form A (continued)

Name

8. How many sides, angles, and vertices does the shape have?



sides

angles

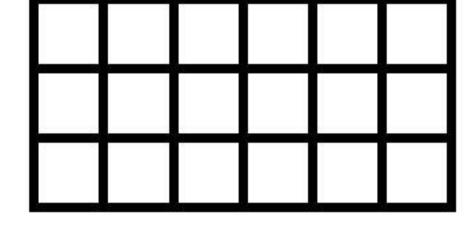
vertices

9. How can you partition the rectangle into fourths? Show two different ways.





- 10. What shape has I face, 0 edges, and I vertex?
  - II. How many rows, columns, and squares is the rectangle partitioned into? Write an equation to find the total number of squares.



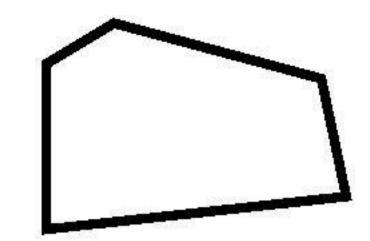
Rows: \_\_\_\_\_

Columns: \_\_\_\_

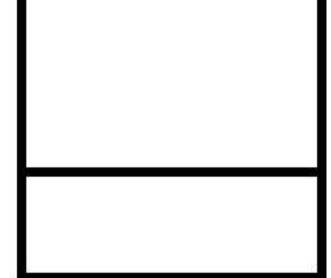
Equation: \_\_\_\_\_

Total squares: \_\_\_\_\_

I2. Cal drew the shape shown. What are three attributes of the shape?



I3. Kyle has a sandwich that is shaped like a square. He says he partitioned the sandwich into 2 equal shares so he can share the sandwich equally with his brother. How do you respond to Kyle?



- I4. A pizza is in the shape of a circle. Explain how to partition the pizza to share it equally between 4 people. How much of the pizza does each person get?
- I5. Brennan had the drink shown for lunch.
  What shape is it? Explain your thinking.

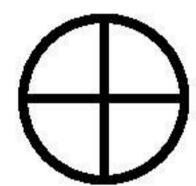


# Unit Assessment, Form B

Name

- I. What shape has 6 sides, 6 angles, and all sides different lengths? Draw the shape. Write its name.
- 2. Which shapes are partitioned into equal shares? Choose all the correct answers.

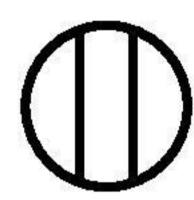
Α.



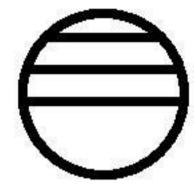
В.



 $\mathbf{C}$ 

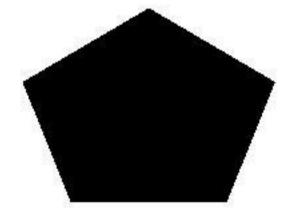


D.



3. Which shapes are quadrilaterals? Choose all the correct answers.

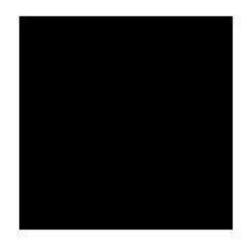
Α.



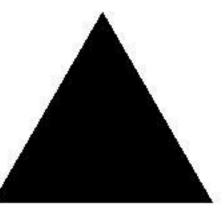
В.



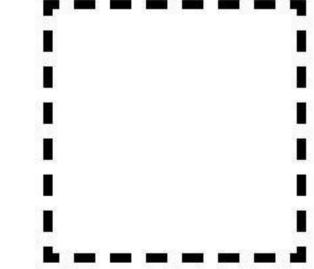
C



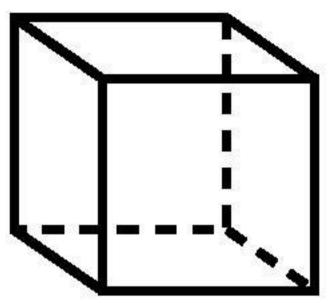
D.



4. How can you partition the rectangle using equal-sized squares? Draw to show your work.



Total squares:



faces edges

vertices

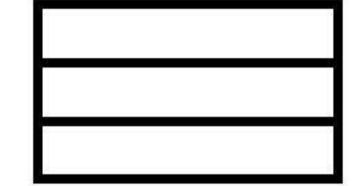
This shape is a \_\_\_\_\_\_.

6. Which shows how to partition the same rectangle into thirds? Choose all the correct answers.



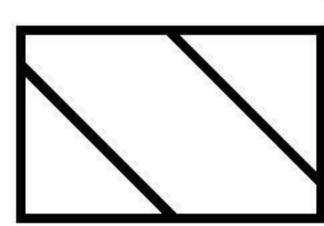


В.

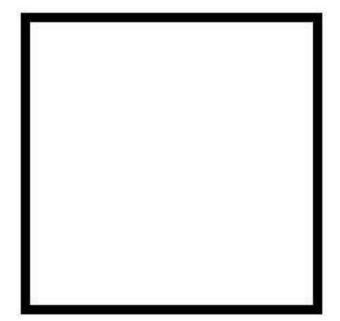




D.



7. How can you partition the square into 4 equal shares? Draw to show your work.

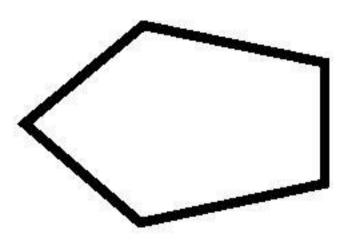


#### Unit 12

## Unit Assessment, Form B (continued)

Name

8. How many sides, angles, and vertices does the shape have?

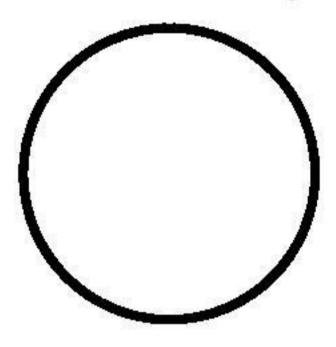


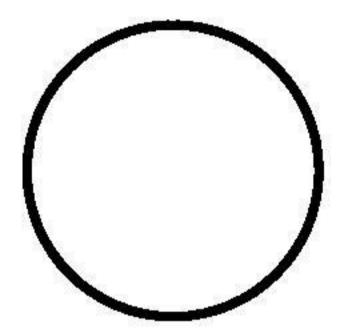
sides

angles

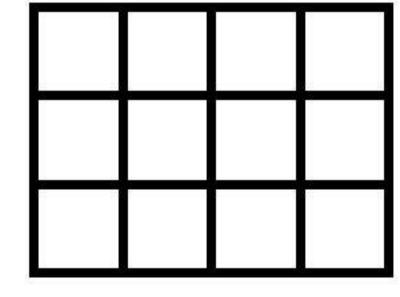
vertices

9. How can you partition the circle into thirds? Show two different ways.





- 10. What shape has 2 faces, 0 edges, and 0 vertices?
  - II. How many rows, columns, and squares is the rectangle partitioned into? Write an equation to find the total number of squares.



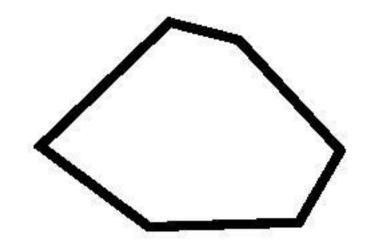
Rows: \_\_\_\_

Columns:

Equation: \_\_\_\_

Total squares:

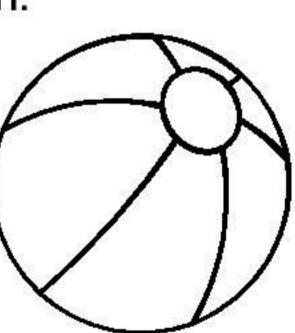
I2. Mel drew this shape. What are three attributes of the shape?



I3. Carly has a cracker that is shaped like a rectangle. She says she partitioned the cracker into 2 equal shares so she can share the cracker equally with her sister. How do you respond to Carly?



- I4. Allie made lasagna in a square baking dish. Explain how to partition the lasagna to share it equally among 3 people. How much of the lasagna does each person get?
- I5. Mya is taking the ball shown to the beach.
  What shape is it? Explain your thinking.



# Summative Assessment

Name

I. Which expression shows the correct way to find the sum of 180 + 52?

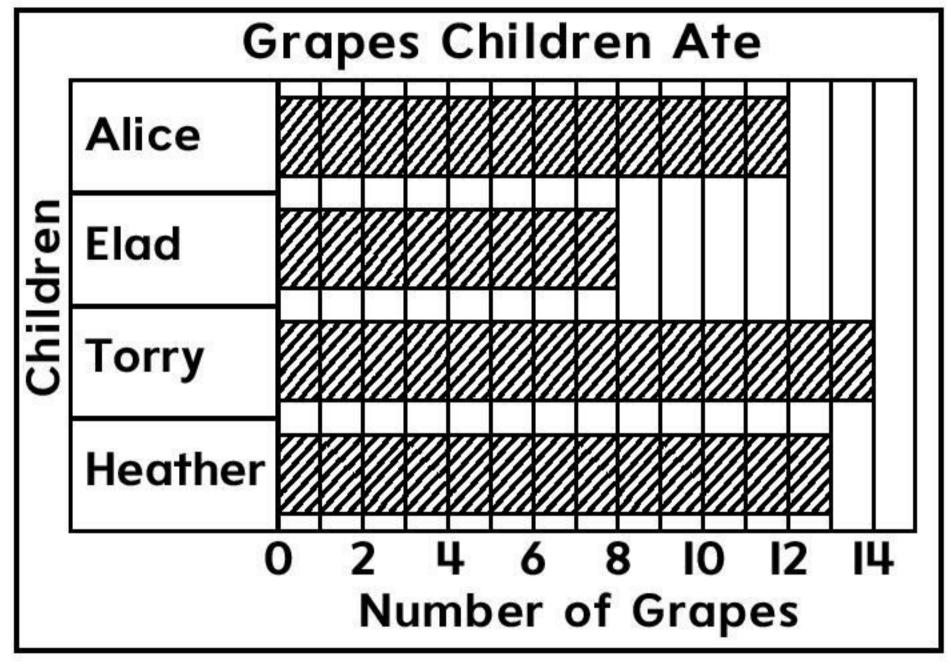
**A.** 
$$100 + 80 + 500 + 20$$
 **B.**  $100 + 80 + 50 + 2$ 

**B.** 
$$100 + 80 + 50 + 2$$

**C.** 
$$100 + 80 + 50 + 20$$
 **D.**  $18 + 52 + 0$ 

**D.** 
$$18 + 52 + 0$$

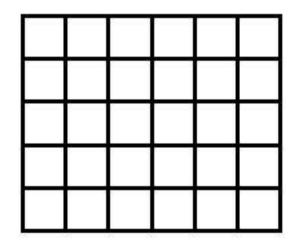
2. The bar graph shows the number of grapes children ate for a snack.



How many fewer grapes did Elad eat than Heather?

3. A rectangle is divided into rows and columns forming small squares of the same size.

How many squares are there in each row?



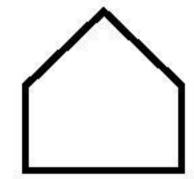
- **A**. 5
- **B**. 6
- C. II
- **D**. 30

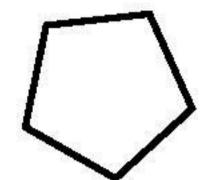
- 4. Ali puts a 39 inch piece of wood next to a 25 inch piece of wood to make a garden border. What is the combined length of the two pieces of wood?
  - A. 14 inches

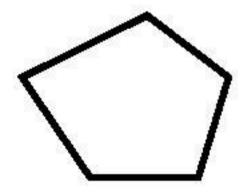
**B.** 39 inches

C. 54 inches

- D. 64 inches
- **5.** Complete the sentences to describe the shapes.

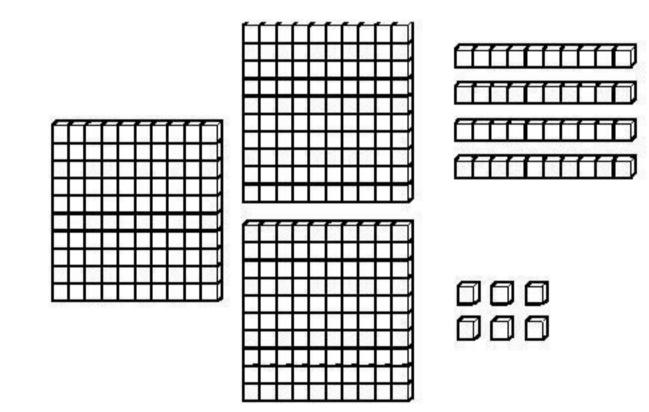






Each shape has \_\_\_\_ vertices and \_\_\_\_ sides.

6. Which number do the base-ten blocks show? Choose all the correct answers.



**A.** 300 + 40 + 6

- **B.** 3,406
- C. three thousand forty-six
- **D**. 346
- E. three hundred forty-six
- 7. Which would be *best* measured using a meter stick?
- A. a nail B. a door C. a bean D. a forest

#### Grade 2

## Summative Assessment (continued)

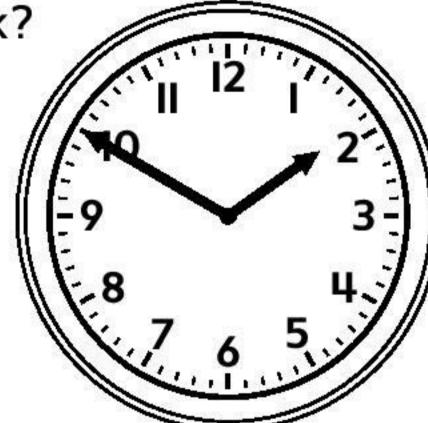
Name

8. Luis starts at 338 and counts by Is. Fill in the missing numbers.

338, , \_\_\_\_, \_\_\_, \_\_\_\_, \_\_\_\_, \_\_\_\_



- **A.** 2:10
- **B.** 1:50
- **C.** 2:50
- **D.** 10:10



10. The monkeys at the zoo eat 5 bananas and 7 apples. How many bananas and apples do the monkeys eat?

- **A**. 10

II. Nikita adjusts numbers to subtract 57 – 38.

- a. Which way shows how Nikita can adjust the numbers to subtract?
  - **A**. 60 40

**B**. 59 – 40

**C**. 55 – 40

**D.** 60 – 35

**b.** What is the difference?

12. Which number is two hundred two?

- **A**. 22
- **B**. 202
- **C**. 220
- **D**. 2,002

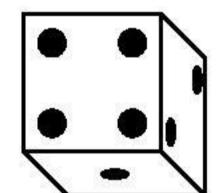
- 13. There are 174 apples at an apple farm. People pick 55 red apples and 36 green apples. How many apples are left at the apple farm?
  - **A.** 155
- **B.** 138
- **C**. 93
- **D.** 83
- **14.** Lucinda makes a 10 to add 8 + 7. Fill in the missing numbers to show how Lucinda adds.

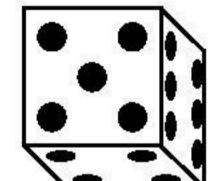
$$8 + 7 = 8 + ____ + 5$$

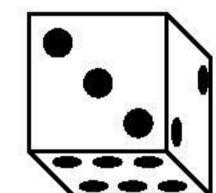
$$8 + 7 = 10 + ____$$

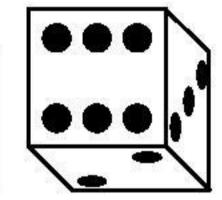
$$8 + 7 =$$
\_\_\_\_\_

**I5.** Is the number on the number cube even or odd? Match the number cube to Even or Odd.









Even

Odd

16. What is the difference?

$$68 - 12 = ____$$

- I7. Which of these describes how the shape is divided into equal shares?
  - A. 2 halves

B. 3 thirds

C. 3 fourths

D. 4 fourths



#### Grade 2

## Summative Assessment (continued)

Name

- **18.** Yin buys a muffin for I dollar and 50 cents and a bottle of juice for 2 dollars and 25 cents. How much money does Yin spend on the muffin and juice?
- 19. Which equation can be used to find the sum of 643 + 248?

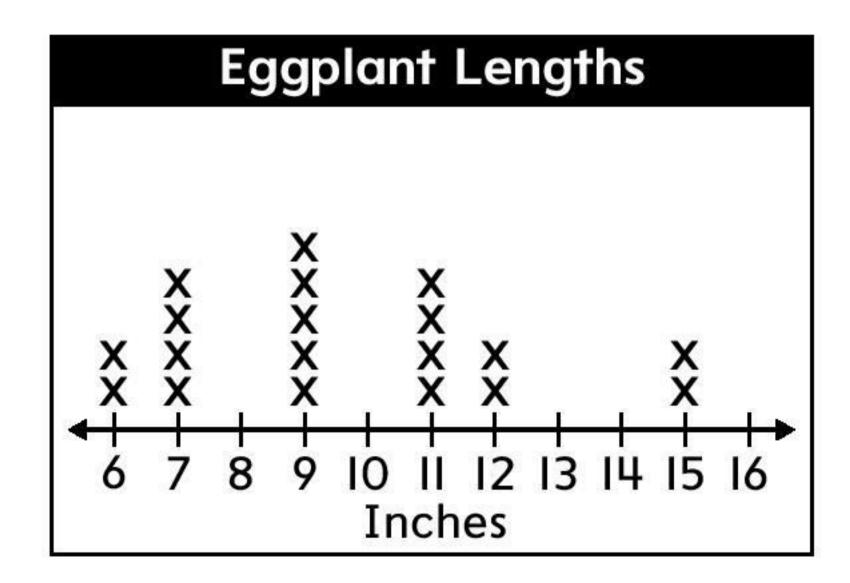
$$A. 640 + 250$$

**B.** 
$$641 + 250$$

$$C. 642 + 250$$

**D.** 
$$645 + 250$$

20. The line plot shows the lengths of eggplants growing in Vince's garden. Which equation can you use to find out how many eggplants are shorter than II inches?



A. 
$$2 + 4 + 5 = 11$$

**B.** 
$$6+7+9=22$$

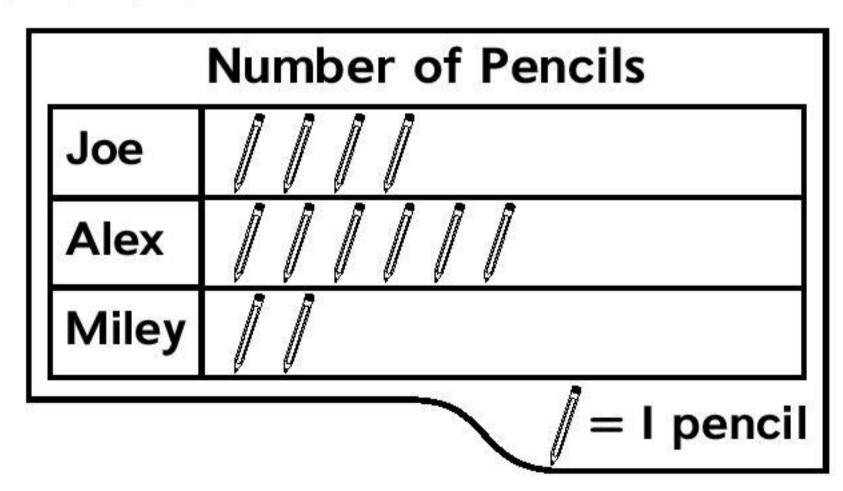
C. 
$$11 + 4 = 15$$

**D**. 
$$2 + 2 = 4$$

- 21. Which double can help to find the sum of 8 + 7?
  - A. 4 + 4 = 8
  - **B.** 6 + 6 = 12
  - C. 8 + 8 = 16
  - D. 9 + 9 = 18
- 22. Dana finds 8 more shells than Felix. Felix finds 7 shells. How many shells does Dana find?
- 23. What is the difference?

$$82I - I0 = ____$$

24. The picture graph shows the number of pencils three students have.



Alex gives away I of his pencils to Miley. How many pencils does Alex have left?

- **A**. 2
- **B**. 3
- **C**. 5
- **D**. 6

