Second Grade Geometry
Second Grade Test Geometry

Name _____**Teacher** _____**Date**_____

2.G.A.1 Recognize and draw shapes having specified attributes, such as a given number of angles or a given number of equal faces. Identify triangles, quadrilaterals, pentagons, hexagons, and cubes.

1. Which polygon has 4 sides, 2 pair of parallel sides, 2 pair of congruent sides and 4 right angles?
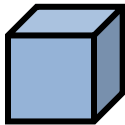
       a. pentagon   **b.** trapezoid   **c.** rectangle

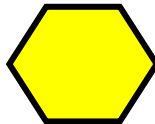**2. Which polygon has 4 sides, 2 pair of parallel sides, 4 congruent sides, and 4 angles?**

a. quadrilateral   **b.** square   **c.** both a and b   **d.** answer not here
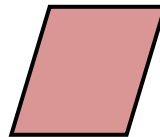
3. Which of the following polygons is a rhombus?

   a.   **b.**   **c.**
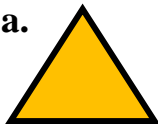
4. Which of the following polygons is a trapezoid?

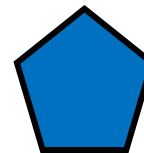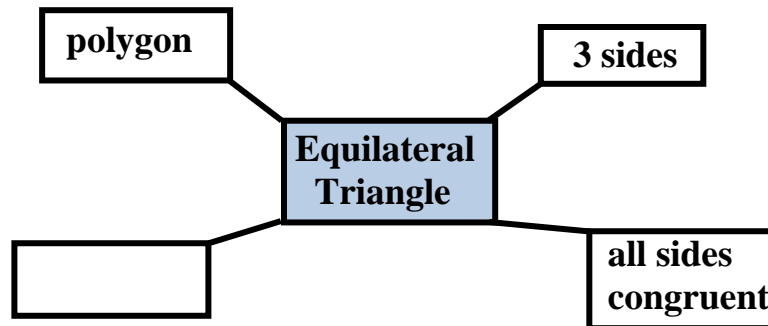   **a.**   **b.**   **c.**

5. Which of the following attributes describes a cube?

      a. 6 congruent sides, 6 faces, a polygon, 8 vertices

      b. 6 congruent sides, 6 faces, a polygon, 12 edges,

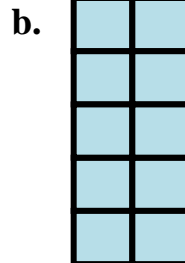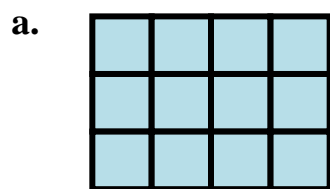   **c. 6 congruent sides, 6 faces, 12 edges, 8 vertices**

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6. Which attribute completes the diagram?

polygon		3 sides

Equilateral Triangle

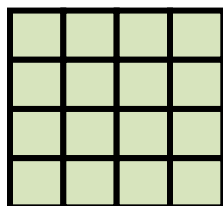|		all sides congruent

a. **all sides are parallel**   b. **a quadrilateral**   c. **3 acute angles**

2.G.A.2 Partition a rectangle into rows and columns of same-size squares and count to find the total number of them.

7. Which of the following rectangles exhibits 12 same-size squares?

a.

b.

8. This rectangle has 4 rows and 4 columns of same-size squares. How many small squares in all?
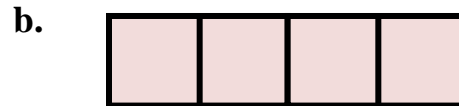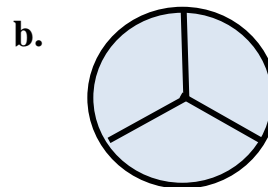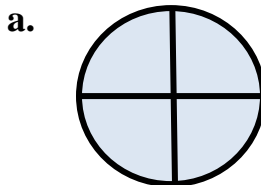
a. 12   b. 16   c. 8

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2.G.A.3 Partition circles and rectangles into two, three, or four equal shares, describe the shares using the words halves, thirds, half of, a third of, etc. and describe the whole as two halves three thirds, four fourths. Recognize that equal shares of identical wholes need not have the same shape.
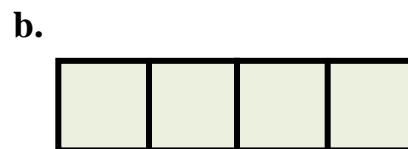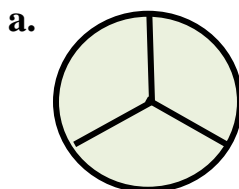
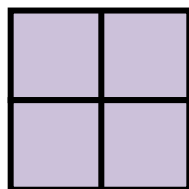**9. Which figure represents each part as $\frac{1}{2}$?**

a.

b.

10. Which figure represents each part as $\frac{1}{4}$?

a.

b.

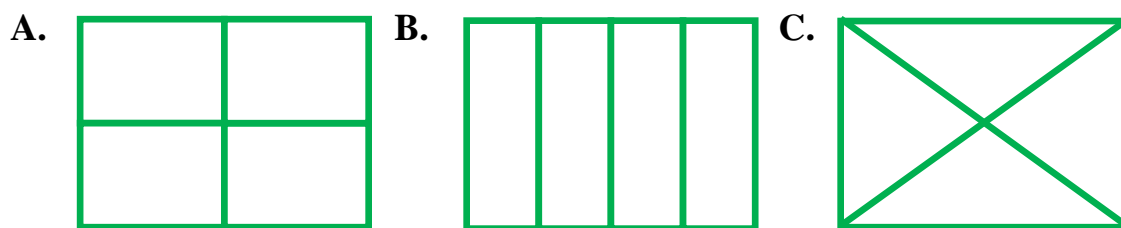**11. Which figure represents each part as $\frac{1}{3}$?**

a.

b.

12. Which fraction is the appropriate label for the entire figure?
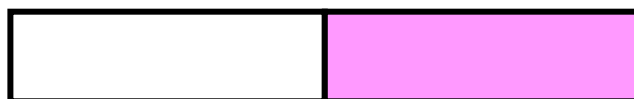
a. $\frac{1}{4}$ b. $\frac{3}{4}$ c. $\frac{4}{4}$

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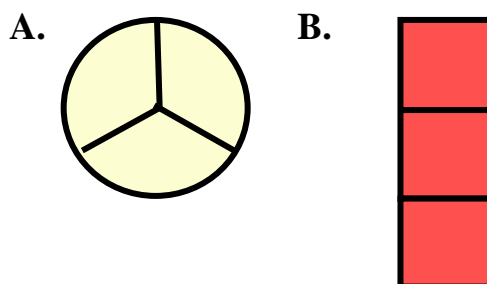
13. Which rectangle represents equal shares?

A.   **B.**   **C.**

   a. A   **b.** B   **c.** C   **d.** A, B, and C

14. The shaded part of the figure represents which of the following?

   a. half of   **b. a half**   **c. both a and b**   **d. answer not here**

15. The figures represent which of the following?

   A.   **B.**

   a. halves   **b. thirds**   **c. answer not here**

Answer Key for Second Grade Test
<u>Geometry</u>

Standard	Answer
2.GA.1	1. c
	2. c
	3. c
	4. b
	5. c
2.G.A.2	6. c
	7. a
	8. b
	9. a
2.G.A.3	10. a
	11. a
	12. c
	13. d
	14. c
	15. b