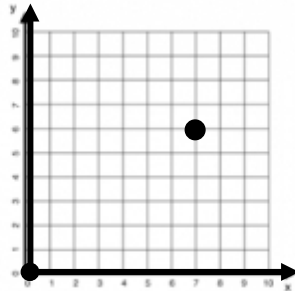


Fifth Test Geometry

Name _____ Teacher _____ Date _____

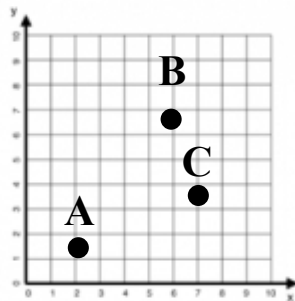
5.G.1 Use a pair of perpendicular number lines, called axes, to define a coordinate system, with the intersection of the lines (the origin) arranged to coincide with the 0 on each line and a given point in the plane located by using an ordered pair of numbers, called its coordinates.

1. Name the ordered pair for the point on the coordinate grid.



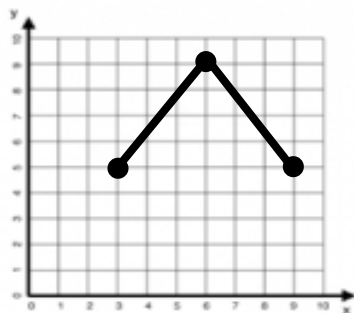
- a. (6, 5) b. (5, 7) c. (7, 6)

2. Which the following is the ordered pair for point A?



- a. (2, 2) b. (7, 4) c. (6, 7)

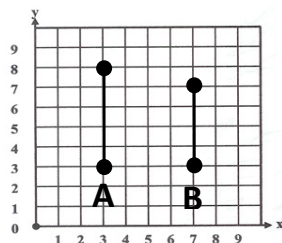
3. Name the ordered pairs that will complete the line segment for the triangle?



- a. (4, 3) (4, 9) b. (3, 5) (9, 5) c. (5, 9) (5, 3)

5.G.2 Represent real world and mathematical problems by graphing points in the first quadrant of the coordinate plane, and interpret coordinate values of points in the context of the situation.

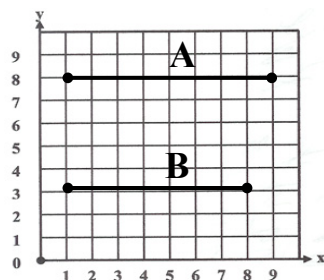
4. The ordered pairs for line segment A are (3, 3) and (3, 8), and the ordered pairs for line segment B are (7, 3) and (7, 7). What is the total length of the two line segments in quadrant one of the coordinate system?



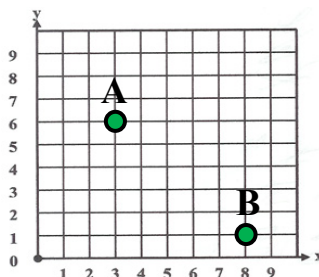
- a. 4 b. 8 c. 9

5. The ordered pairs for line segment A are (1, 8) and (9, 8), and the ordered pairs for line segment B are (1, 3) and (8, 3). What is the difference in the length of the two line segments in quadrant one of the coordinate system?

- a. 1 b. 2 c. 3



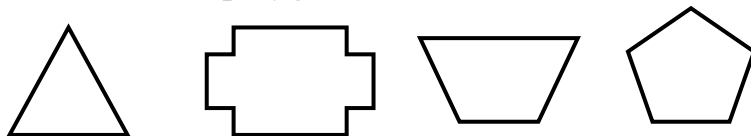
6. Ellie is at a friend's house located at point A. Her home is located at point B. If she takes the shortest route, how far will she have to walk?



- a. 5 blocks b. 10 blocks c. 6 blocks

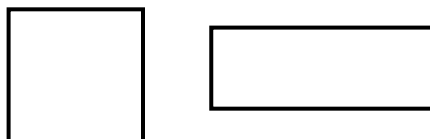
5.G.3 Understand that attributes belonging to a category of two-dimensional figures also belong to all subcategories of that category.

7. The figures below are polygons. Choose the attributes of all polygons.



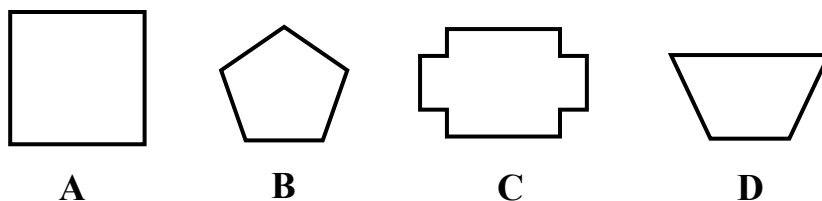
- a. closed figure, three or more straight sides
b. three or more straight sides, sides are congruent
c. four sides, a closed figure

8. Which of the following attributes describes a square and a rectangle?



- a. four congruent sides, opposite sides are parallel, quadrilaterals
b. closed figures, four straight sides, polygons
c. both a and b
d. answer not here

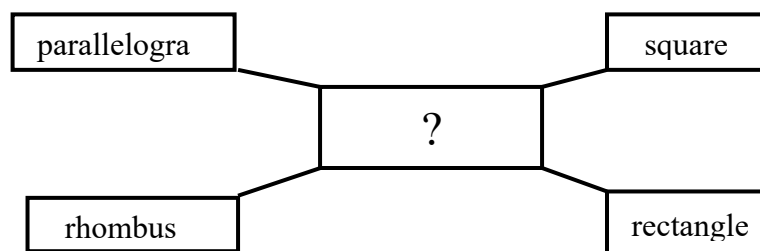
9. Which of the following polygons have right angles?



- a. A and B b. B and C c. A and C d. B and D

5.G.4 Classify two-dimensional figures in a hierarchy based on properties.

10. Which of the following attributes do all these polygons have in common?



- a. right angles b. quadrilaterals c. both a and b d. answer not here

11. Name 1 or more of the following polygons that have only 1 set of parallel sides.

- a. Rectangle b. trapezoid c. rhombus d. b and c

12. Which polygons are quadrilaterals?

- a. rhombus b. trapezoid c. rectangle d. a b and c

Answer Key for Fifth Grade Test
Geometry

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