TEST NAME: **Classify Quadrilaterals 5.G.3**
TEST ID: **4363784**
GRADE: **05 - Fifth Grade**
SUBJECT: **Mathematics**
TEST CATEGORY: **School Assessment**

Student: _____
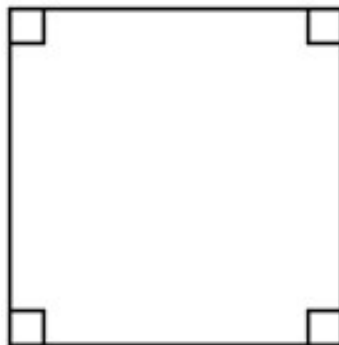
Class: _____

Date: _____

1. Which quadrilateral has only one set of parallel lines?

    A. parallelogram

    B. rhombus

    C. square

    D. trapezoid

2. A square will be cut in half along a diagonal to produce two pieces. How should the pieces be classified?

    A. right triangles

    B. acute triangles

    C. obtuse triangles

    D. scalene triangles

3. A shape is shown here. All four sides have the same length.

    Which statement is true?

    A. The shape is neither a square nor a rectangle.

    B. The shape is both a rectangle and a square.

    C. The shape is a square but not a rectangle.

    D. The shape is a rectangle but not a square.

4. What makes a polygon a quadrilateral?

   A. It has all straight sides.

   B. It has exactly four sides.

   C. It has all congruent sides.

   D. It has exactly four lines of symmetry.

5. Which term describes a special kind of quadrilateral?

   A. circle

   B. triangle

   C. polygon

   D. rhombus

6. To which class of polygons would an equilateral rectangle *not* belong?

   A. squares

   B. trapezoids

   C. rhombuses

   D. quadrilaterals

7. Which statement about trapezoids is true?

   A. Every trapezoid is a parallelogram.

   B. No trapezoid can have a right angle.

   C. Every trapezoid has at least two congruent sides.

   D. No trapezoid can have more than two right angles.

8. Which characteristic is a property of *every* parallelogram?

   A. four right angles

   B. four congruent sides

   C. equal angles at opposite vertices

   D. complementary angles at opposite vertices

schoolnet

9. Which quadrilateral can have sides that are all different lengths?

   A. kite

   B. rectangle

   C. rhombus

   D. trapezoid

10. How many lines of symmetry does an isosceles trapezoid have?

   A. 0

   B. 1

   C. 2

   D. 4

11. Which type of quadrilateral has only one pair of opposite sides parallel?

   A. rhombus

   B. trapezoid

   C. rectangle

   D. parallelogram

12. Melinda drew a quadrilateral. All of the angles in her quadrilateral measure 90 degrees. To which class of polygons **must** Melinda's quadrilateral belong?

   A. squares

   B. trapezoids

   C. rhombuses

   D. parallelograms

schoolnet

13. Which shape has only 90° angles?

    A. hexagon

    B. pentagon

    C. rectangle

    D. trapezoid

14. Which type of figure ***must*** be a rectangle?
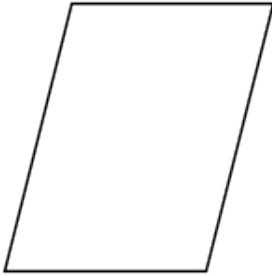
    A. square

    B. parallelogram

    C. rhombus

    D. trapezoid
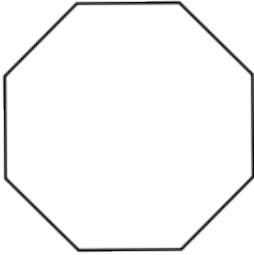
15. Which figure below is a regular polygon?

A.

B.
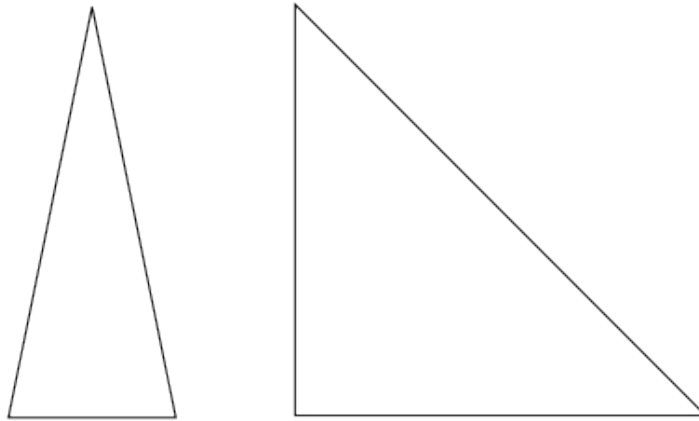

C.

D.

16. How can both of the triangles below be correctly classified?

A. acute

B. equilateral

C. isosceles

D. right

17. Jenna drew the figure below:

She described it as a rhombus. David disagreed and said that it was a parallelogram. Which statement is true about who is correct?

A. David is correct because a parallelogram is a four-sided figure with 2 pairs of congruent sides that are parallel.

B. Jenna is correct because a rhombus is a quadrilateral with four congruent sides and four right angles.

C. Jenna and David are both correct because a parallelogram must have opposite sides parallel and a rhombus is always a parallelogram.

D. Neither Jenna nor David is correct because both a rhombus and a parallelogram have right angles and congruent side lengths.

schoolnet

18. Which is true of this group of polygons?
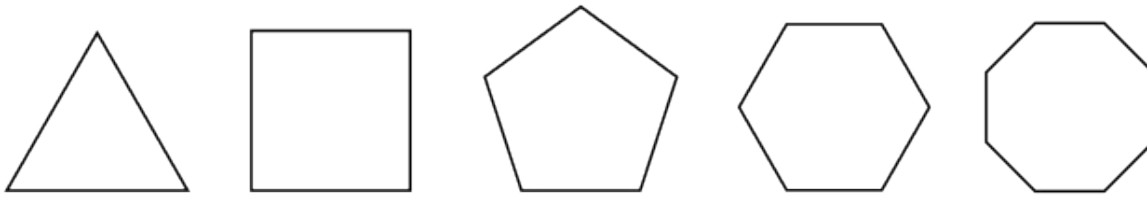
    A. They all have acute angles.

    B. They all have parallel sides.

    C. They each have exactly two lines of symmetry.

    D. They each have sides that are equal length.

19. Tom drew a shape that is a quadrilateral, a parallelogram, has four right angles and has sides that are all equal in length. What is another name for the shape that he drew?

    A. kite

    B. rectangle

    C. square

    D. trapezoid

20. Which shape is classified as a quadrilateral, a parallelogram, and a rectangle?

    A. rectangle

    B. rhombus

    C. square

    D. trapezoid

schoolnet