

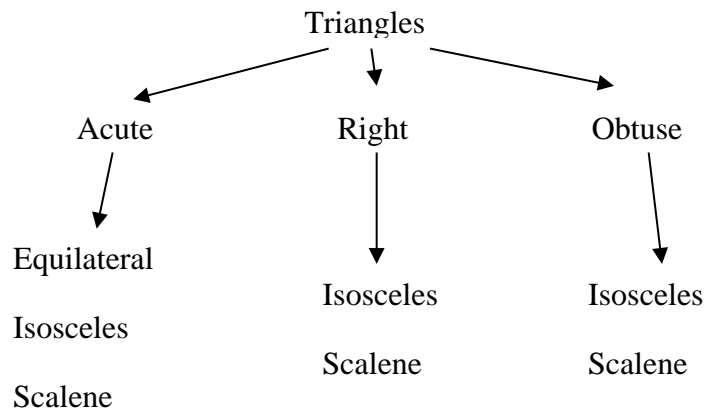
Name _____ Date _____



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

1. Samantha drew a 4-sided polygon. Which of the following polygons might Samantha have drawn?

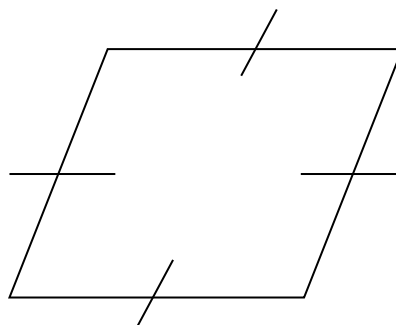
- a) pentagon
- b) rhombus
- c) hexagon
- d) triangle



2. Based on the chart to the right, which statement is true?

- a) All right triangle are obtuse
- b) All acute triangles are equilateral
- c) All equilateral triangles are acute
- d) All obtuse triangles are equilateral

3. What is the correct classification for this shape from LEAST specific to MOST specific?

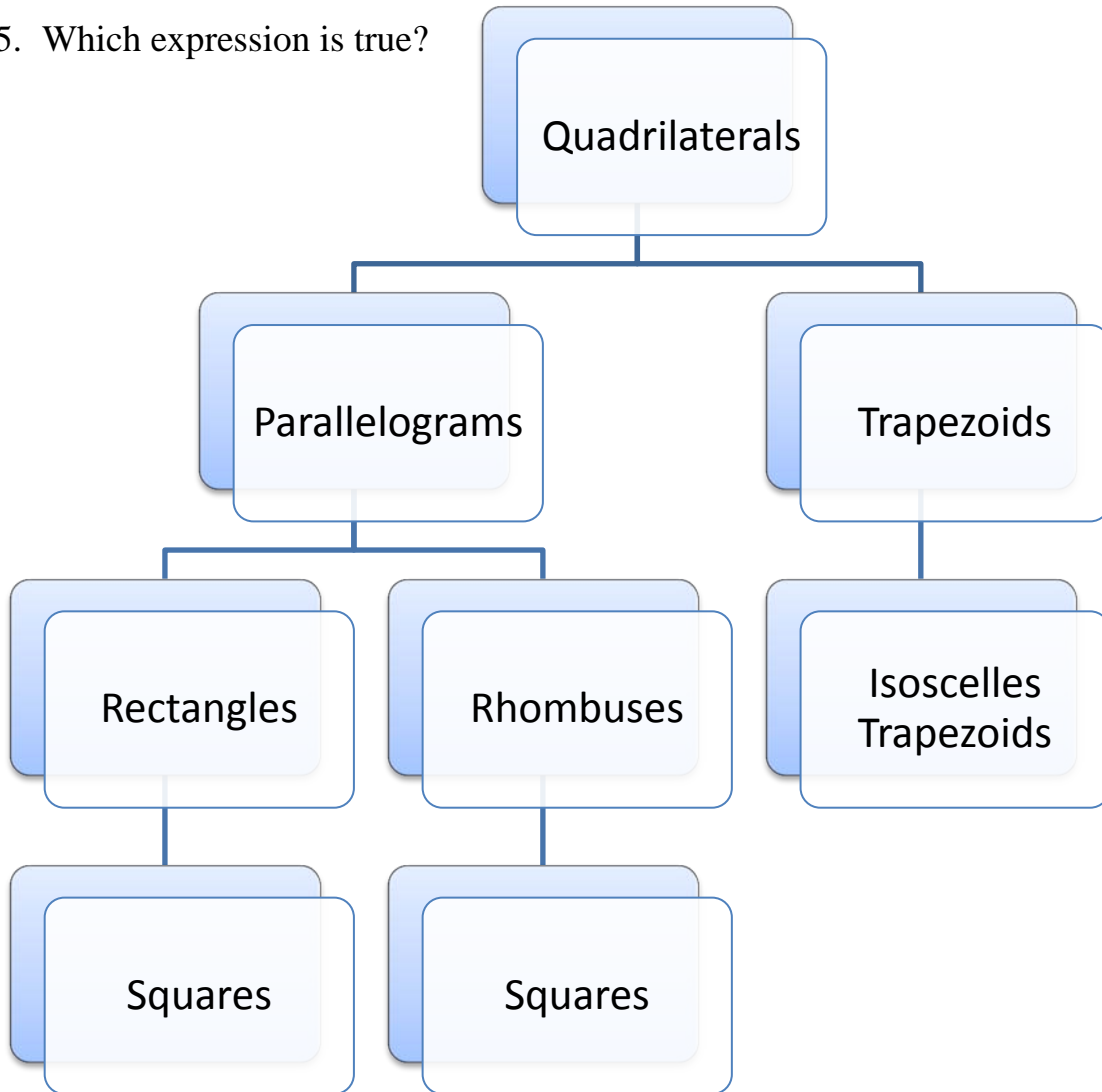


- a) Polygon, quadrilateral, parallelogram, rhombus
- b) Polygon, quadrilateral, parallelogram, square
- c) Quadrilateral, parallelogram, rectangle
- d) Polygon, quadrilateral, parallelogram

4. Which property of all rectangles is not a property of all parallelograms?

- a) 4 congruent sides
- b) 4 sides
- c) 2 pairs of parallel sides
- d) 4 right angles

5. Which expression is true?



- a) All rectangles are squares
- b) All trapezoids are isosceles
- c) All squares are rhombuses
- d) All parallelograms are rectangles

Decide and circle the answer if these are TRUE or FALSE statements.

6. TRUE FALSE If it is a square, then it is a rhombus.

7. TRUE FALSE All Squares are rectangles.

8. TRUE FALSE Some parallelograms are rectangles.

9. TRUE FALSE All Kites are Rhombus

10. TRUE FALSE All Parallelograms are Trapezoids.