Unit 3 Extra Credit

Google search the shapes to find their properties. (attributes)

Name _____

Understanding Attributes of Two-Dimensional Figures

For each shape, write its attributes.

1. rectangle

2. square

3. trapezoid

4. rhombus

5. parallelogram

6. quadrilateral

7. Can a parallelogram be a rectangle? Why or why not?

_____

_____

8. What makes a rhombus different from a square?

_____

_____

9. What attribute makes a trapezoid different from other quadrilaterals?

_____

_____

Understanding Attributes of Two-Dimensional Figures

equilateral triangle	parallelogram	rectangle	rhombus
right triangle	square	trapezoid	

Use the polygon names to answer the questions. Each word may be used more than once or not at all.

1. A square is also a _____ because it has 4 right angles and equal, opposite sides.

2. A _____ cannot be a rectangle unless it has 4 right angles.

3. A _____ is only a square if it has 4 right angles.

4. A _____ will never be a rectangle because it only has 1 pair of equal, opposite sides.

5. A _____, _____, and a _____ all have equal sides.

6. An _____ is the only 3-sided figure that can have a right angle.

7. A _____ is the only quadrilateral that can have only 1 right angle.

8. A _____ is like a _____ because both are quadrilaterals with equal and opposite angles that do not have to be right angles.