

Name: _____

Date: _____

Unit 5 Study Guide: 2D Figures

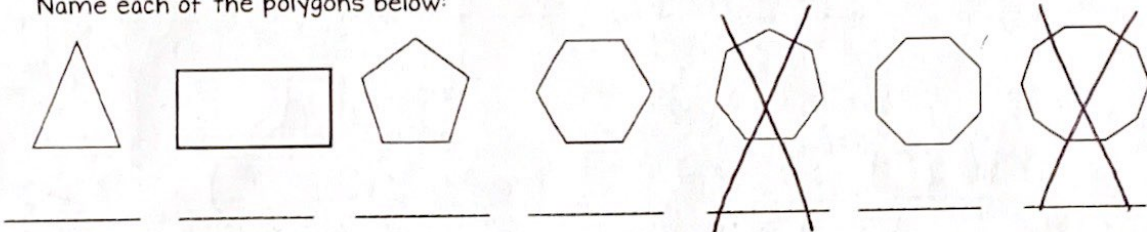
Test Date: 2/21/2020

5.G.3 Be able to classify 2D figures and understand that attributes belonging to a category of two-dimensional figures also belong to all subcategories of that category

What is used to classify a polygon?

What makes two sides or angles congruent?

Name each of the polygons below:


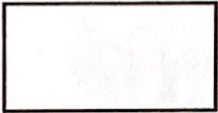
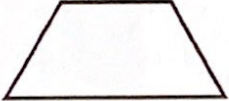
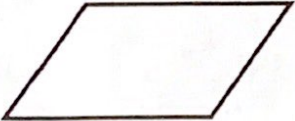



Classify each of the triangles below based on their sides and angles. (2 names each)

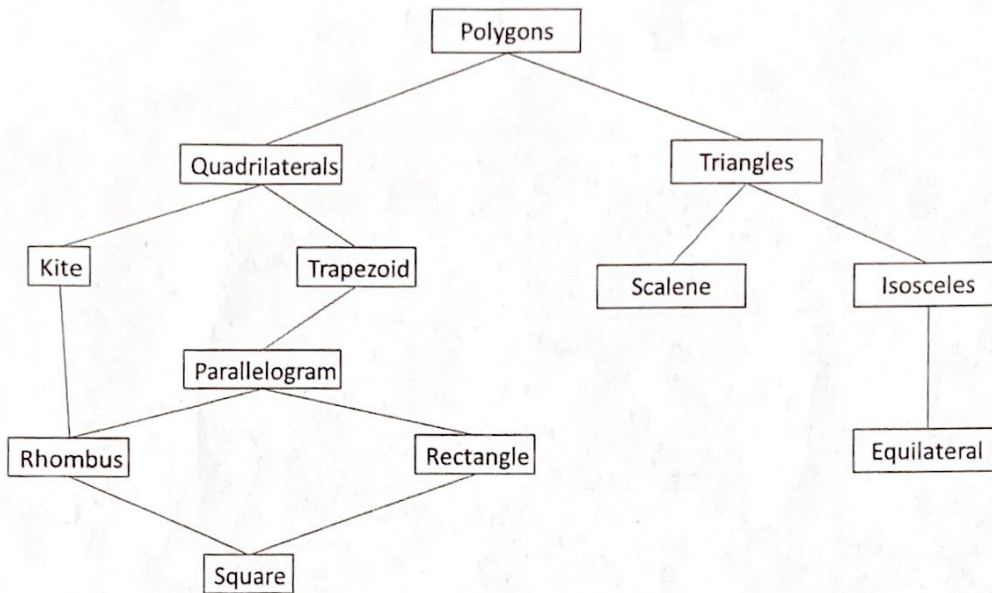
 60° 60° 60°	_____ _____	 6 cm 7 cm 3 cm	_____ _____
 30° 75° 75°	_____ _____	 132°	_____ _____
 125° 33° 22°	_____ _____	 ◻	_____ _____

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

Classify each of the polygons below (include all possible names) and write their properties.

picture	names	attributes
		
		
		
		
		

Know the polygon hierarchy below and be able to explain the connections:



For example:

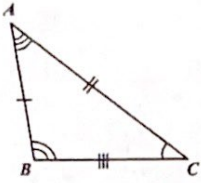
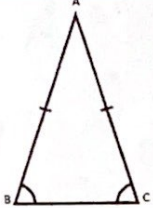
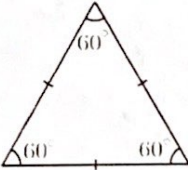
What labels could be given to a rectangle?

Why is an equilateral triangle a type of isosceles triangle?

Can a scalene triangle ever be an equilateral triangle?

Triangles:

What are three ways to classify triangles by sides?

Name	Picture	Definition
		
		
		

What are three ways to classify triangles by angles?

Name	Picture	Definition
	