



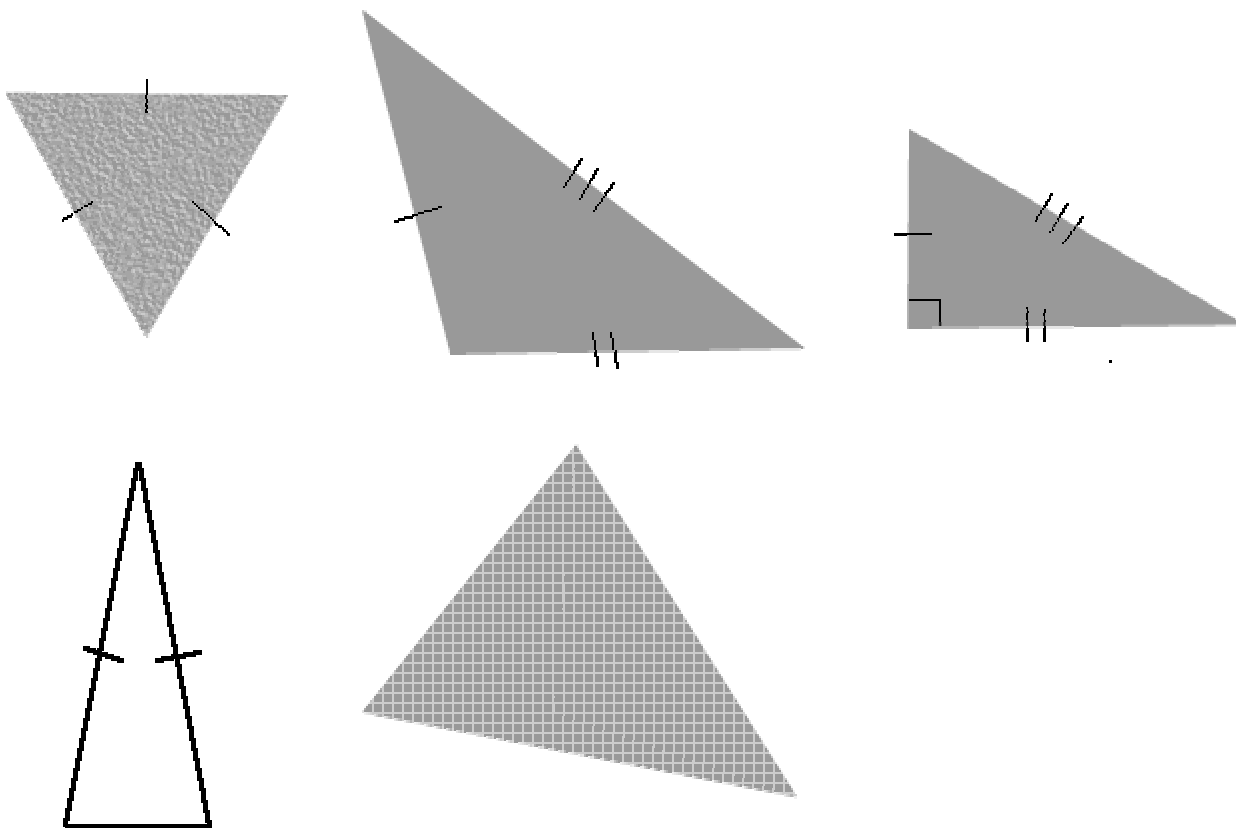
Geometry & Measurement Student Activity

Polygons 2

This worksheet reviews the concepts of polygons from the Gr. 7 math program. Use these questions to test your understanding.

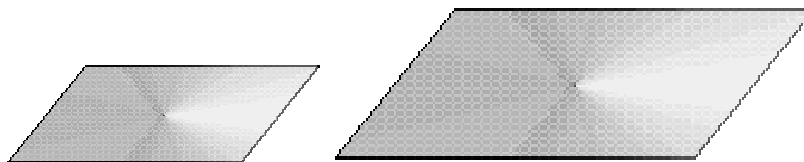
1. Briefly and in your own words describe the properties of a trapezoid.

2. Classify the following by their angles and sides.



3. The terms similar and congruent have slightly different meanings. Explain.

4. Pictured below are 2 similar polygons. What can we say about the relationships between their sides and angles?



5. Are all squares similar? Are all rectangles similar? Explain.

7. Perform the following transformations on the triangle.

- a) Translate 3 steps down and 8 to the right. Label the object #1
- b) Rotate #1 - 180 degrees on rotation point 1 step below the lower vertex. Label this object #2.
- c) Draw a reflection line 2 steps to the right and then draw the object. Label it #3.

