

Names of group members:

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Write each set of similar polygons, and justify WHY they must be similar, showing congruent parts and proportional parts. Be thorough!

Are there any polygons that are not similar to any other polygon? Explain.

Use what you have found on the front page to answer the following questions:

(TRUE or FALSE, and **explain.**) *If false, provide a counterexample.*

All isosceles triangles are similar. \_\_\_\_\_

All equilateral triangles are similar. \_\_\_\_\_

All rectangles are similar. \_\_\_\_\_

If all corresponding angles of a triangle are congruent, then it is possible to conclude that the triangles must be similar. \_\_\_\_\_