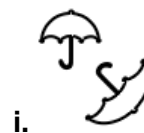
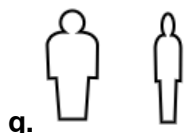
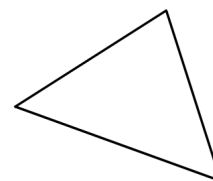


Similar Figures

1. Are the following figures congruent, similar, or neither?

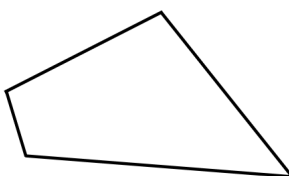


2. When you follow these instructions, is the resulting triangle similar to the original, congruent, or neither?



- a. You draw a copy of this triangle, but while drawing, your paper is upside down.
- b. You draw a new triangle using the same angle measurements as in this triangle but different side lengths.
- c. You draw a new triangle using one same angle measurement as in this triangle but the other two angles are not the same.
- d. You draw a new triangle so that its sides are exactly twice as long as the sides in the original triangle.

3. Draw a larger copy of this quadrilateral. Let each side be exactly 1.5 as long as the sides in the original. Your copy will be (similar/congruent) to the original one.



4. Draw a smaller copy of this parallelogram. Let each side be exactly 0.7 as long as the sides in the original. Your copy will be (similar/congruent) to the original one.

