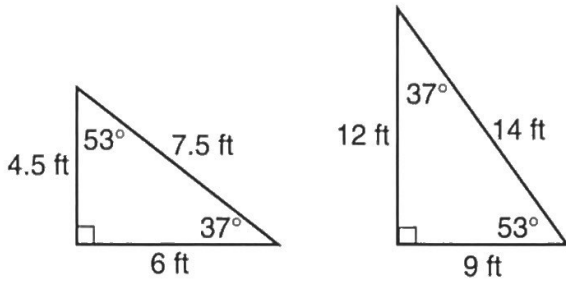
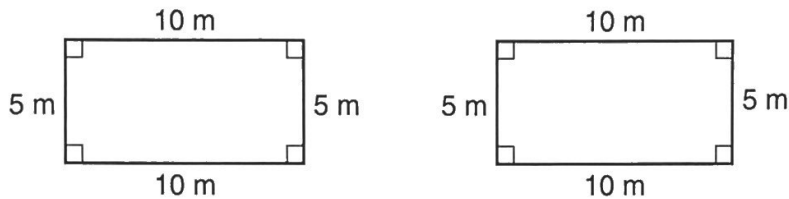


Congruence and Similarity

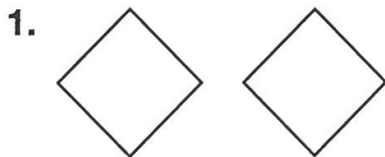
Similar polygons have the same angle measures, but the lengths are different. Think: same shape, different size

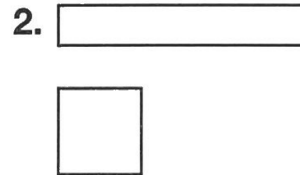


Congruent polygons have the same angle measures and the lengths of the sides are the same. Think: same shape, same size



Do the figures in each pair appear to be similar? If so, are they also congruent?





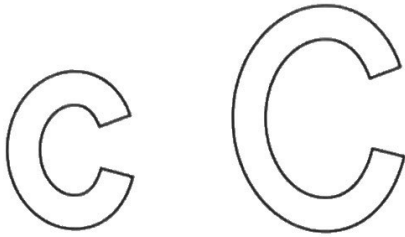




Congruence and Similarity

Do the figures in each pair appear to be similar? If so, are they also congruent?

1.



2.



Is each situation an example of congruent or similar figures?
Explain your reasoning.

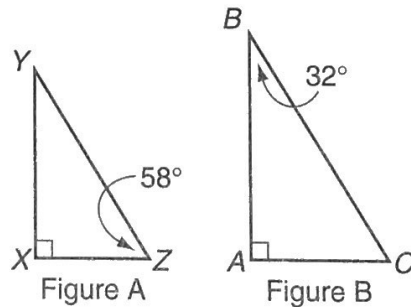
3. When baking bread, the baker uses two sizes of loaf pans.
One loaf pan fits inside the other.

4. A friend gave you and five friends each a quarter.

Test Prep

5. If Figure A is similar to Figure B, which is the measure of $\angle XYZ$ in Figure A?

- A. 90° B. 58°
C. 45° D. 32°



6. **Writing in Math** If two circles are congruent, are the diameters the same length? Explain.
