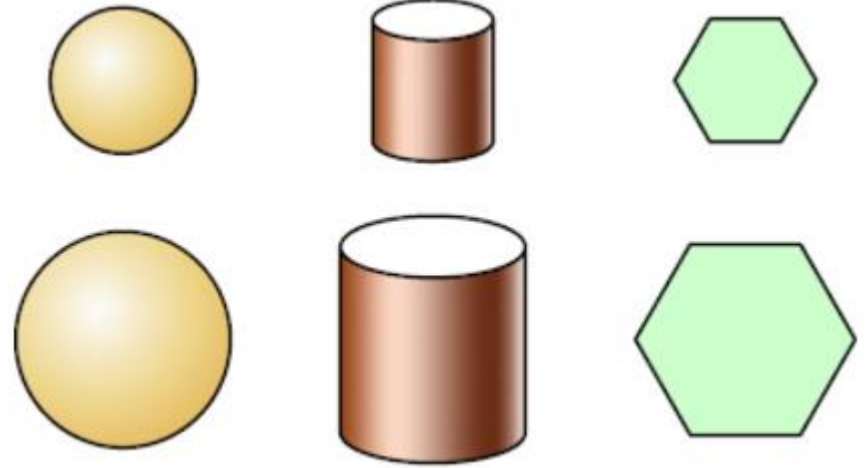


Similarity

What feature(s) make two geometric figures similar?



Sources: teachengineering.org, e-know.info, mathbitsnotebook.com, MATHalino.com, Geometry scavenger hunt (grace m)

Similar Polygons

- I. Corresponding angles are congruent (equal).
- II. Corresponding sides are proportional. This common ratio is called the SCALE FACTOR.

In the last problem,

$$\frac{\text{length of } B'C'}{\text{length of } BC} = \frac{\text{length of } A'D'}{\text{length of } AD}.$$

Using Coordinate Geometry to Understand Similarity

