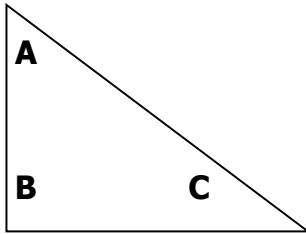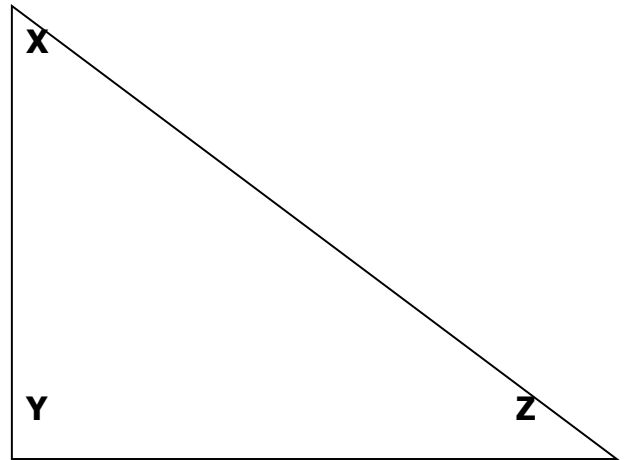NAME_____

Similar Figures

Triangle ABC   ### Triangle XYZ

Record the lengths of each side length below (in centimeters)...

Triangle ABC   ### Triangle XYZ

AB =   XY =

BC =   YZ =

CA =   ZX =

Distinguish what you notice about the corresponding side lengths of ΔABC and ΔXYZ?

.

Scale Factor:

Similar Figures:

For problems 1–6 on Practice worksheet 5–5 (P5–5),do each of the following:
   a. Tell whether each pair of polygons is similar.
   b. Explain why or why not.
   c.   If they are similar, find the scale factor.

1. a.   2. a.   3. a.

   b.   b.   b.

   c.   c.   c.

4. a.   5. a.   6. a.

   b.   b.   b.

   c.   c.   c.