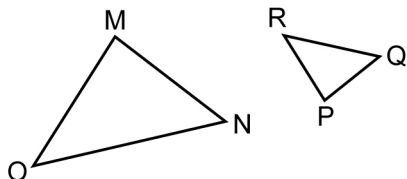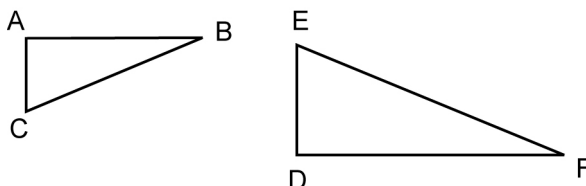Name: _____   Date: _____

Practice: Similar Triangles

1. Triangles MNO and PQR are similar.
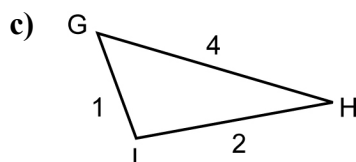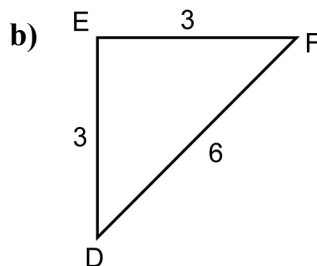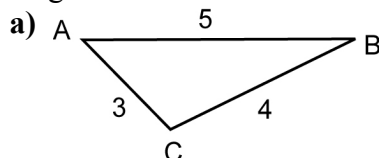

   a) List the corresponding angles
   b) List the corresponding sides
   c) List the ratios of corresponding sides

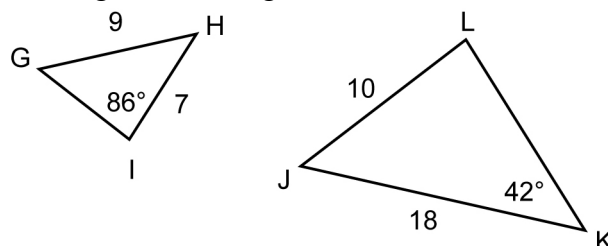**2.** Triangles ABC and DEF are similar.

   a) List the corresponding angles
   b) List the corresponding sides
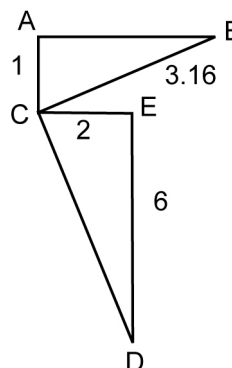   **c)** List the ratios of corresponding sides

3. Sketch a triangle that is similar to each triangle. Label each triangle with its side lengths.

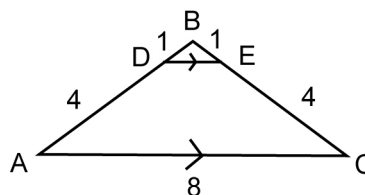   **a)**

   b)

   c)

4. Triangles GHI and JKL are similar. Find the missing side and angle measures.

5. Triangles ABC and EDC are similar. Find the lengths of AB and CD to one decimal place.

6. In the figure, DE is parallel to AC, $AD = CE = 4$, $BD = BE = 1$, and $AC = 8$. Find the length of DE to the nearest tenth of a unit.

7. In the figure, TU is parallel to XY, $TX = XV = VY = UY = 4$, and $XY = 6.4$. Find the length of TU to the nearest tenth of a unit.