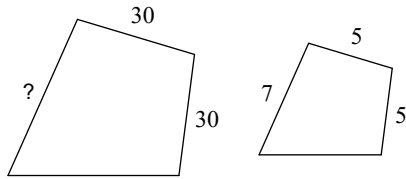


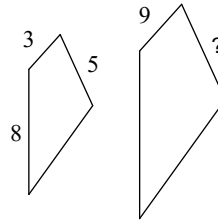
HW 3.2 Due 11/17 or 11/18

The polygons in each pair are similar. Find the missing side length.

1)

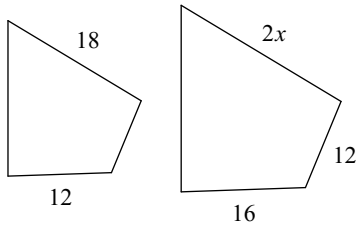


2)

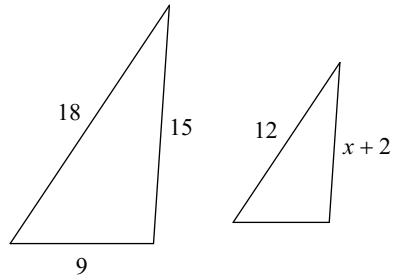


Solve for  $x$ . The polygons in each pair are similar.

3)

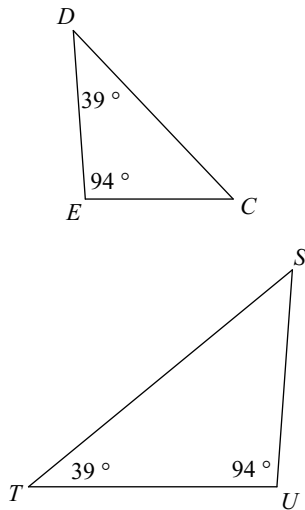


4)



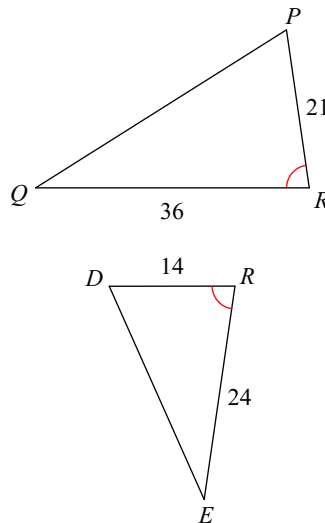
State if the triangles are similar. If so, make a flowchart that proves they are similar.

5)



$\triangle UTS \sim$  \_\_\_\_\_

6)



$\triangle RQP \sim$  \_\_\_\_\_