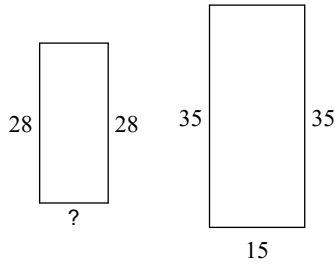


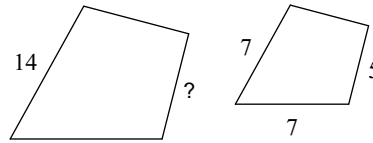
HW 3.3

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

1)

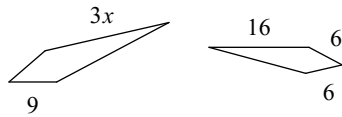


2)

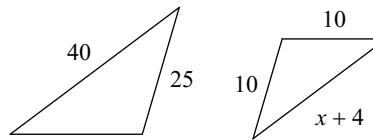


Solve for x . The polygons in each pair are similar.

3)

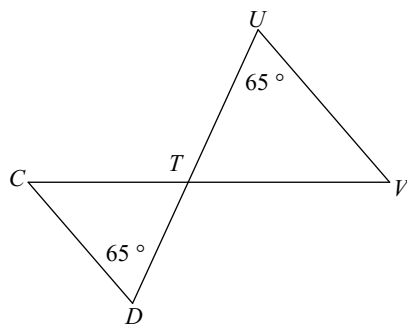


4)



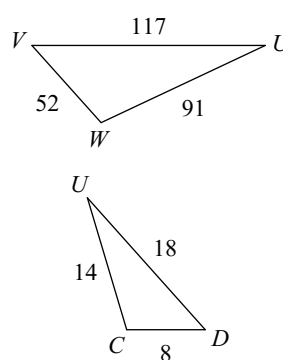
State if the triangles in each pair are similar. If so, state how you know they are similar, make a flowchart to prove similarity and complete the similarity statement.

5)



$\triangle TUV \sim$ _____

6)



$\triangle UVW \sim$ _____