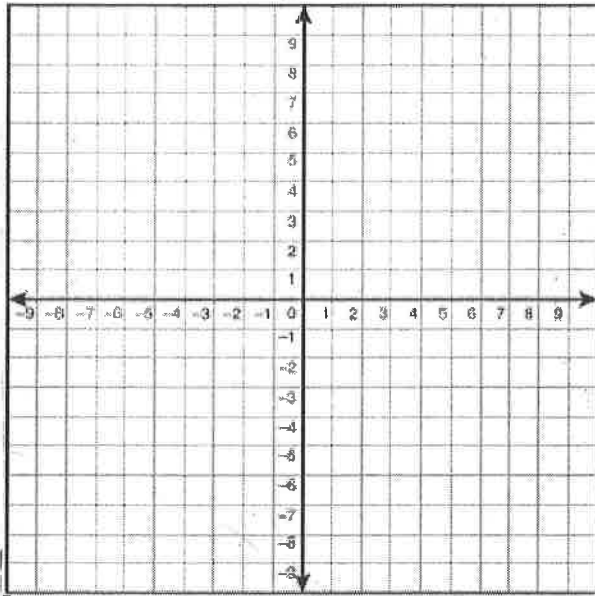


Review - Chapter 8 (Similar Figures)

8.1

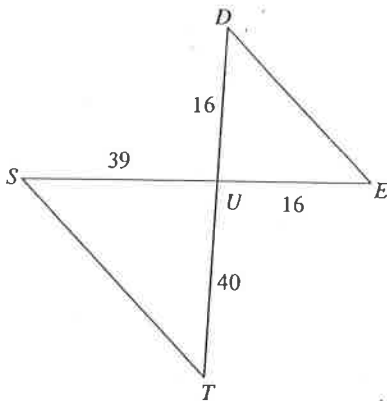
1. What is a dilation? expansion? contraction? scale factor?
2. original points: $(-2, 6)$ $(0, 10)$
 $n = \frac{1}{2}$ graph both segments
3. use the center of dilation and $n = 4$ to dilate the figure



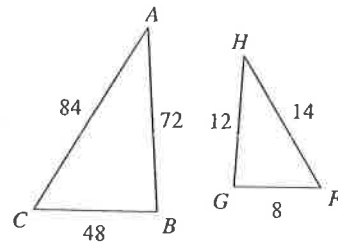
8.2 & 8.3

Determine if the triangles are similar. If similar, write a similarity statement.

4.

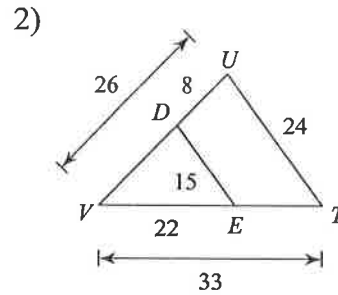
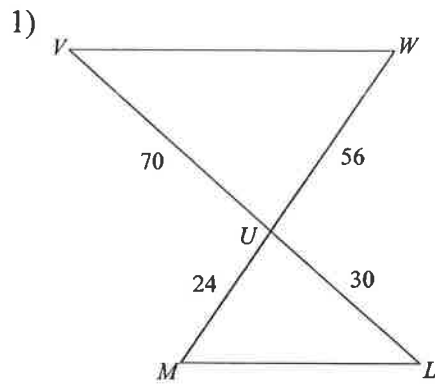


5.

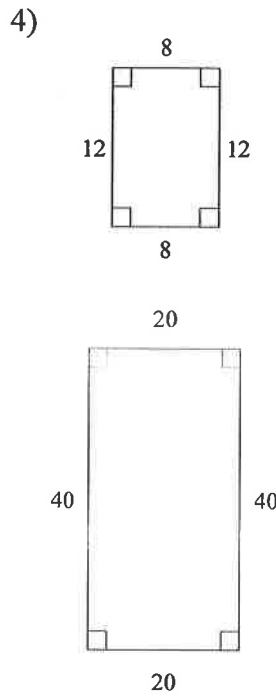
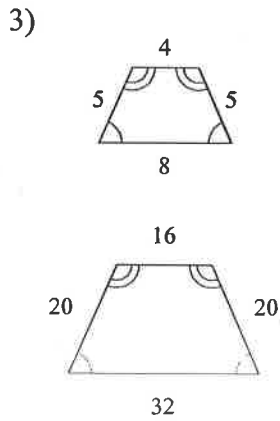


Review Maze - Chapter 8

State if the triangles in each pair are similar. If so, state how you know they are similar.

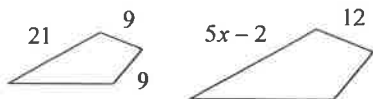


State if the polygons are similar.



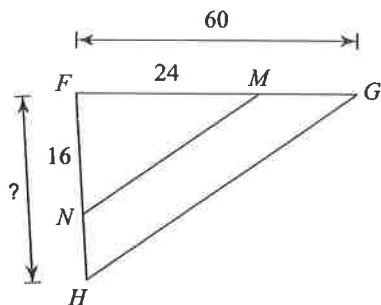
Solve for x . The polygons in each pair are similar.

5)

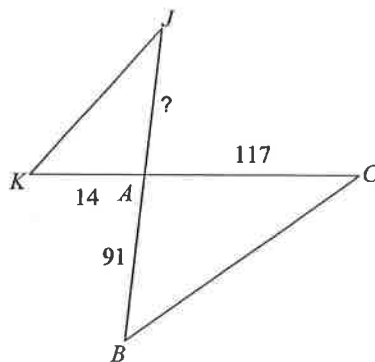


Find the missing length. The triangles in each pair are similar.

6)

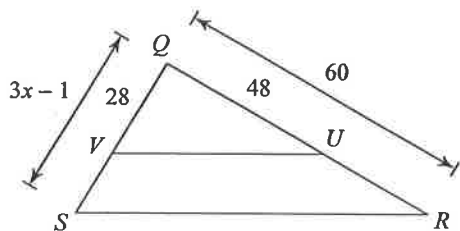


7)

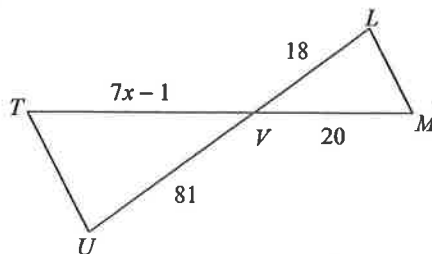


Solve for x . The triangles in each pair are similar.

8)

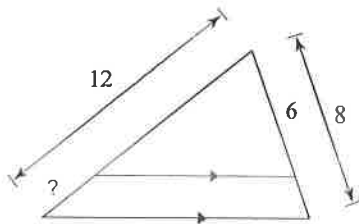


9)

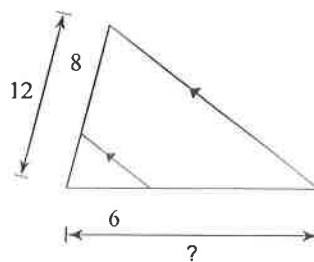


Find the missing length indicated.

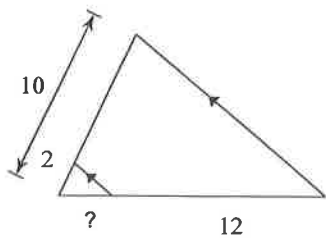
10)



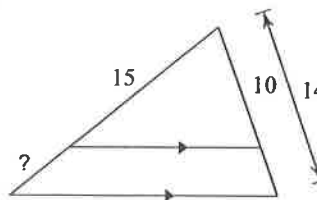
11)



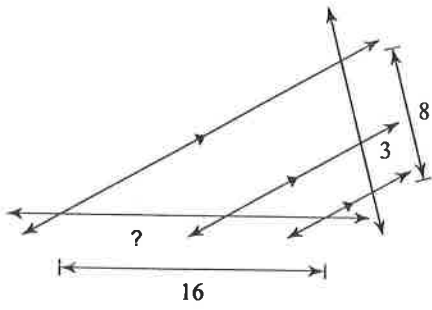
12)



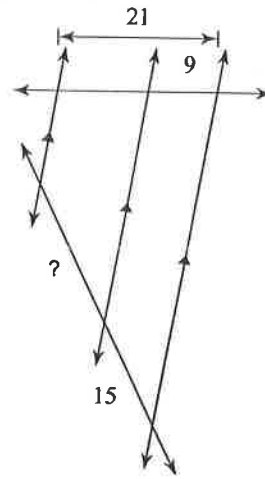
13)



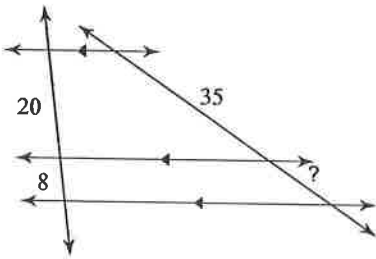
14)



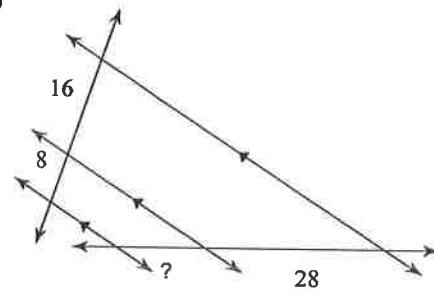
15)



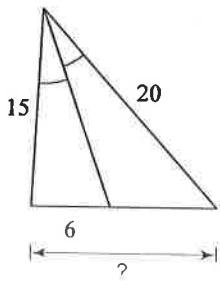
16)



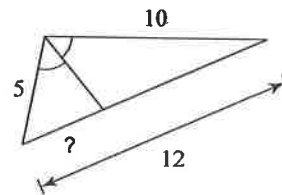
17)



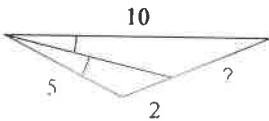
18)



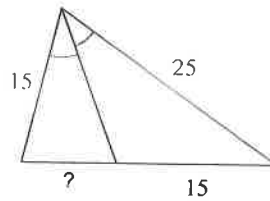
19)



20)

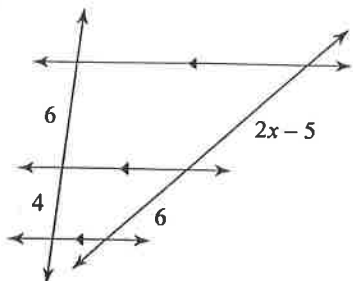


21)



Solve for x.

22)



23)

