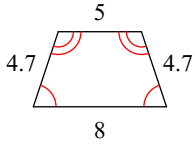
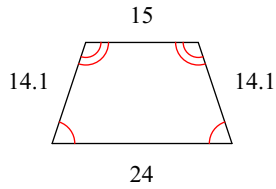


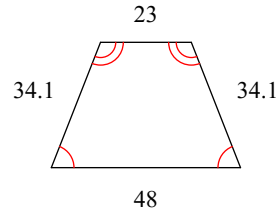
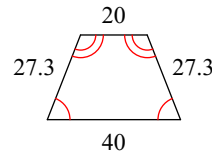
# Similar Polygons

**State if the polygons are similar.**

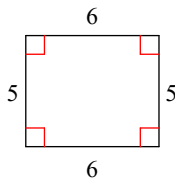
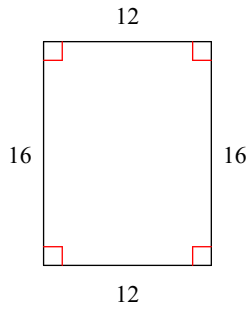
1)



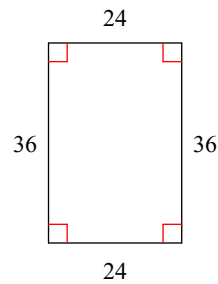
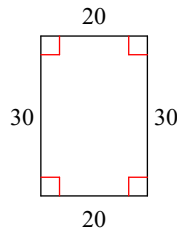
2)



3)

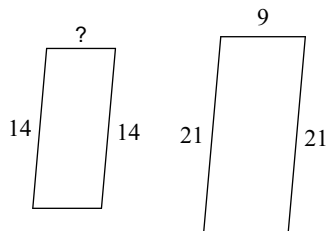


4)

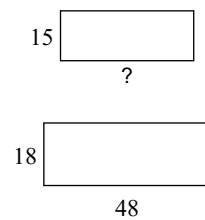


**The polygons in each pair are similar. Find the missing side length.**

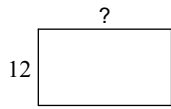
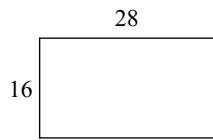
5)



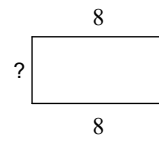
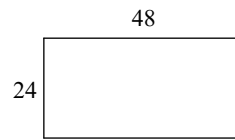
6)



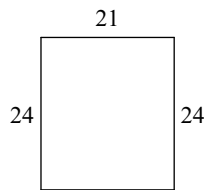
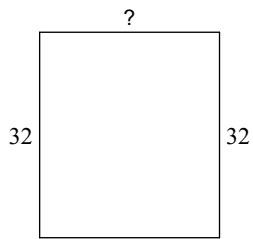
7)



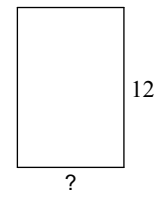
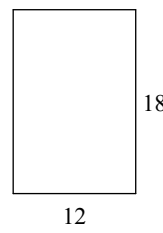
8)



9)

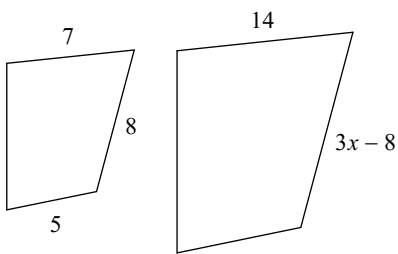


10)

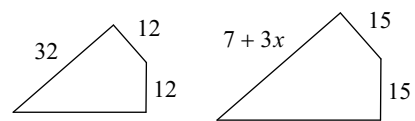


**Solve for  $x$ . The polygons in each pair are similar.**

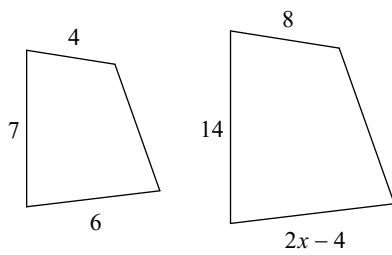
11)



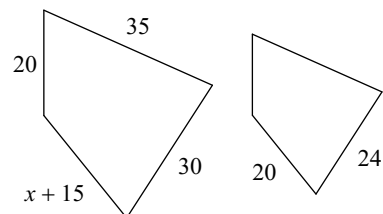
12)



13)



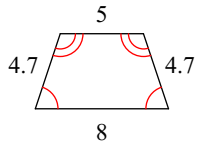
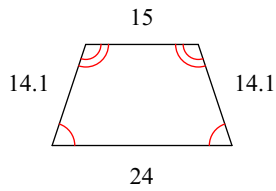
14)



# Similar Polygons

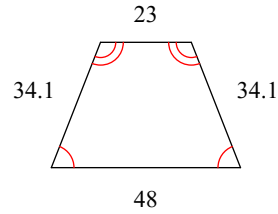
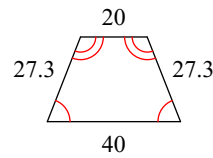
State if the polygons are similar.

1)



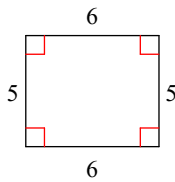
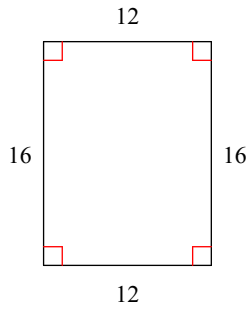
similar

2)



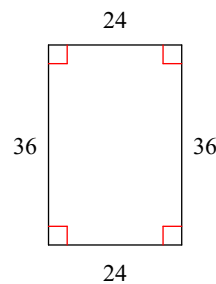
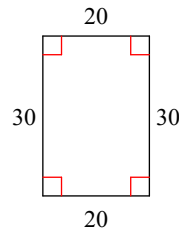
not similar

3)



not similar

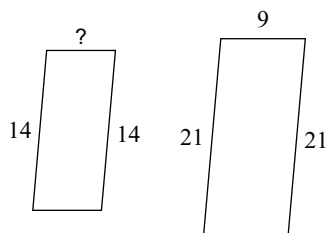
4)



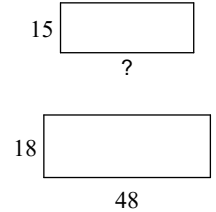
similar

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

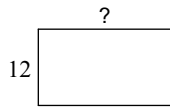
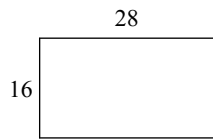
5)



6)

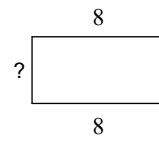
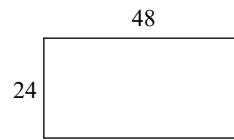


7)



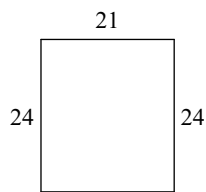
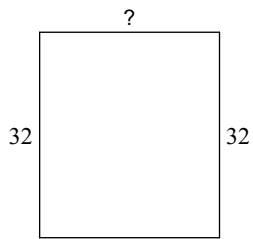
21

8)



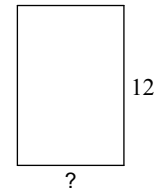
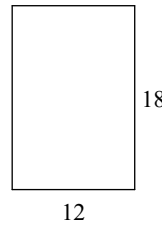
4

9)



28

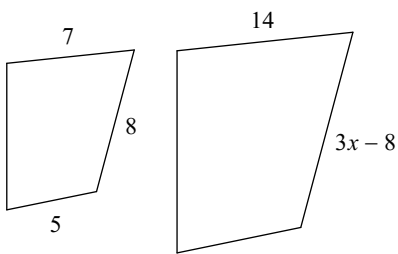
10)



8

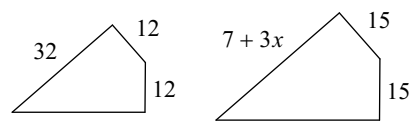
**Solve for  $x$ . The polygons in each pair are similar.**

11)



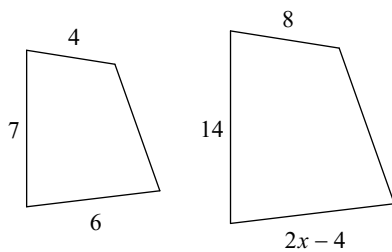
8

12)



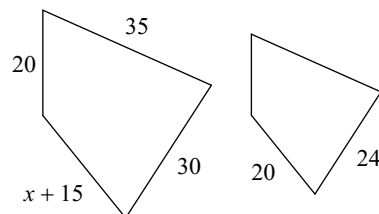
11

13)



8

14)



10