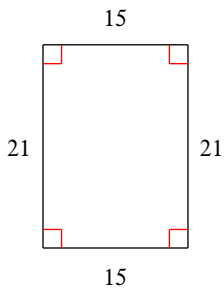
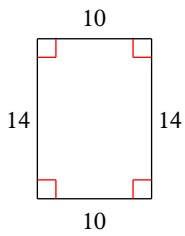


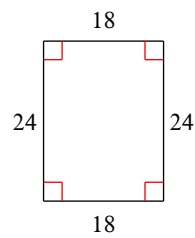
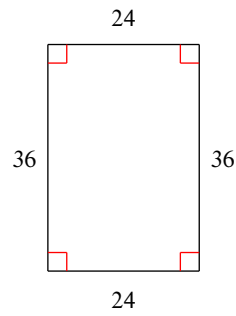
# Similar Polygons

**State if the polygons are similar.**

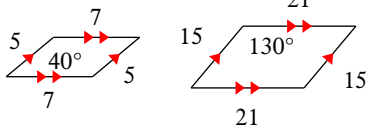
1)



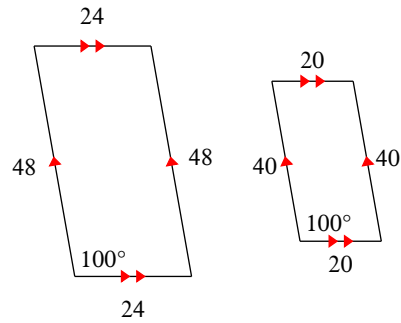
2)



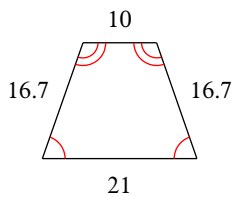
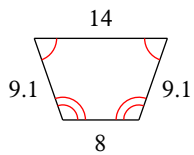
3)



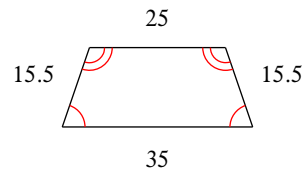
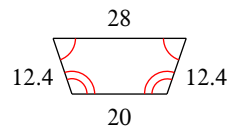
4)



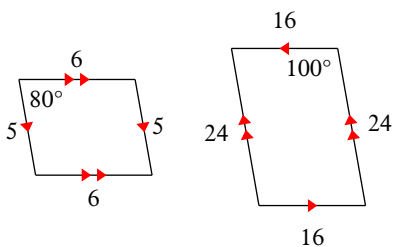
5)



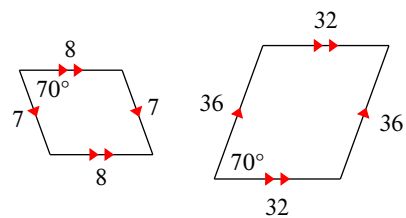
6)



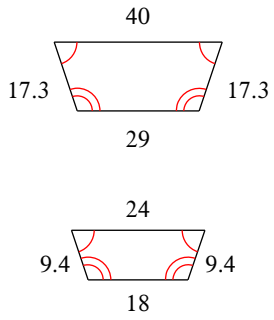
7)



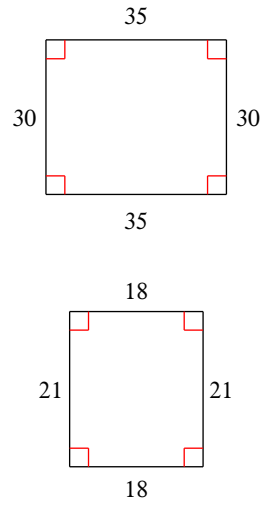
8)



9)

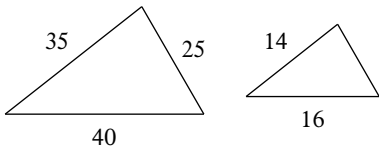


10)

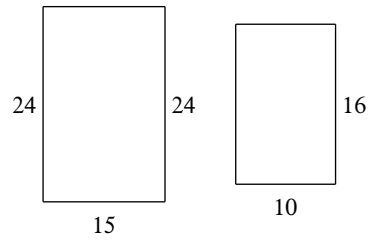


The polygons in each pair are similar. Find the scale factor of the smaller figure to the larger figure.

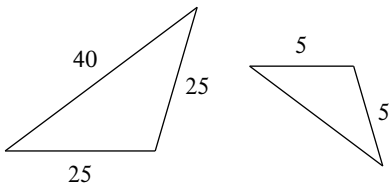
11)



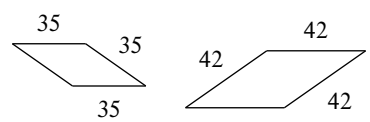
12)



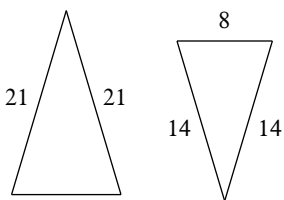
13)



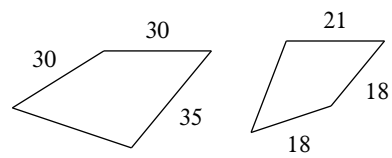
14)



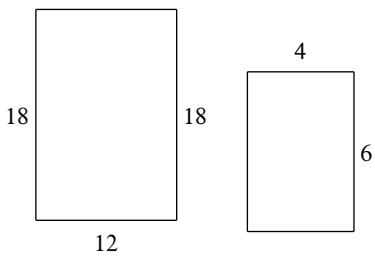
15)



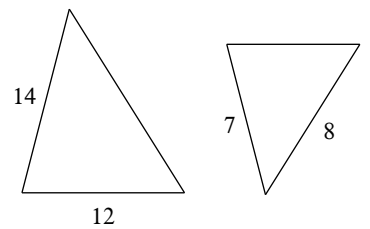
16)



17)



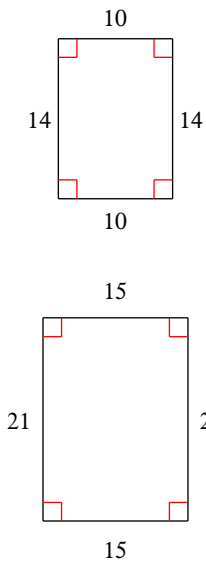
18)



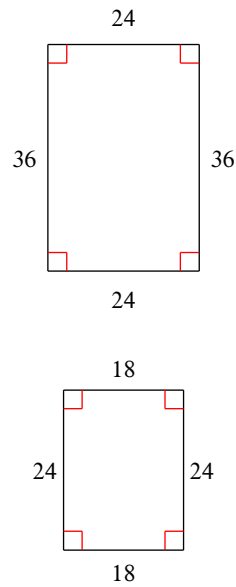
# Similar Polygons

State if the polygons are similar.

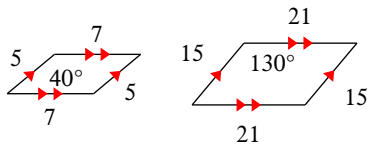
1) **similar**



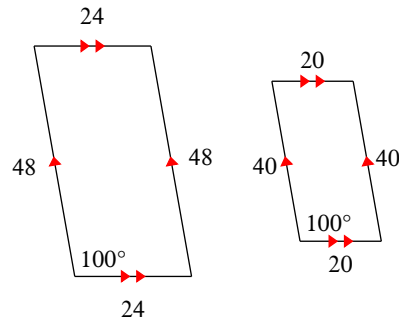
2) **not similar**



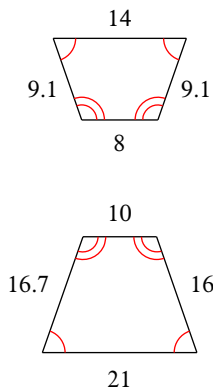
3) **not similar**



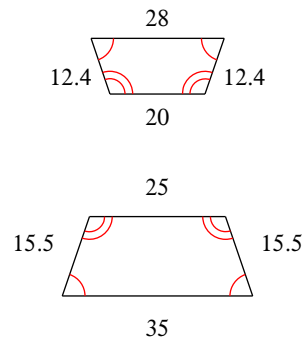
4) **similar**



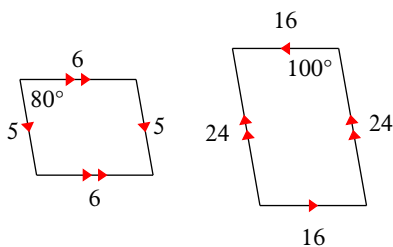
5) **not similar**



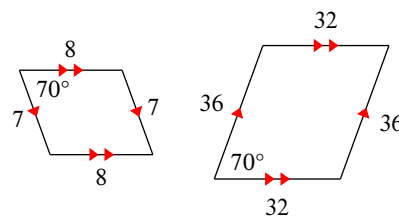
6) **similar**



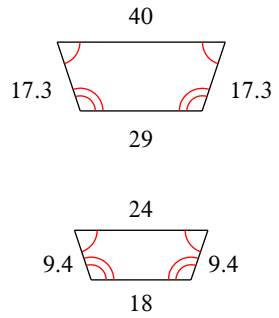
7) **not similar**



8) **not similar**

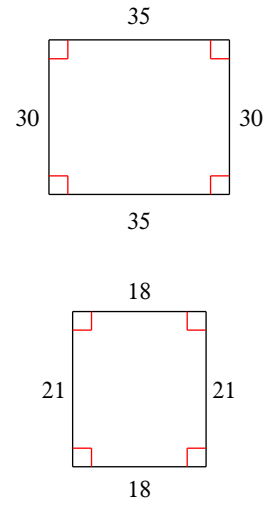


9)



not similar

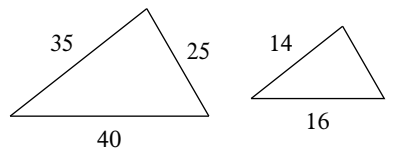
10)



similar

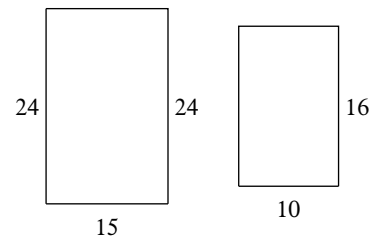
The polygons in each pair are similar. Find the scale factor of the smaller figure to the larger figure.

11)



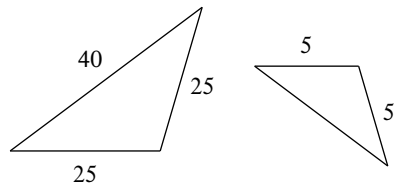
2 : 5

12)



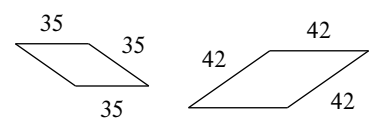
2 : 3

13)



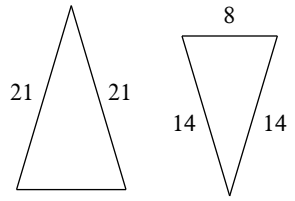
1 : 5

14)



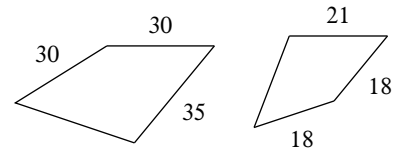
5 : 6

15)



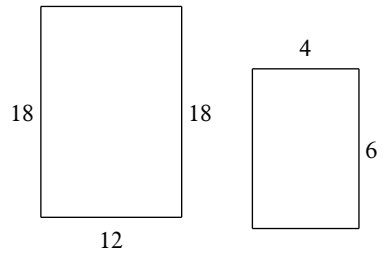
2 : 3

16)



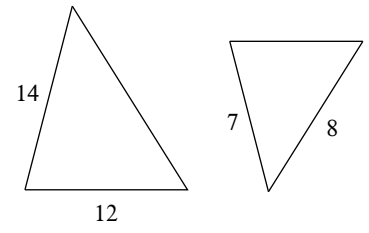
3 : 5

17)



1 : 3

18)



1 : 2