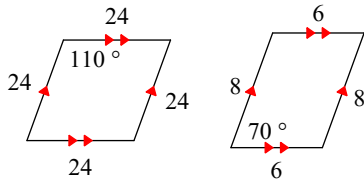


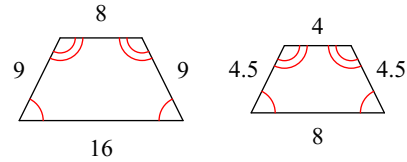
Assignment

State if the polygons are similar.

1)

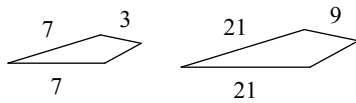


2)

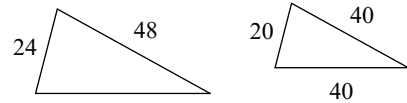


Each pair of polygons are similar. Find the scale factor of the smaller to the larger figure.

3)

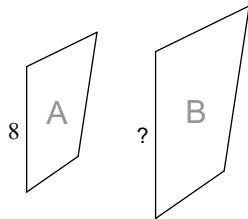


4)

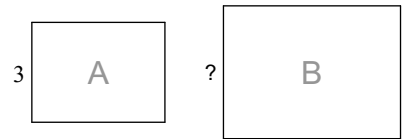


The polygons in each pair are similar. Find the missing side length.

5)



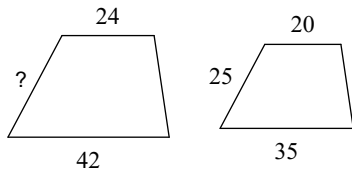
6)



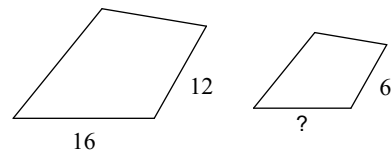
scale factor from A to B = 1 : 2

scale factor from A to B = 1 : 2

7)

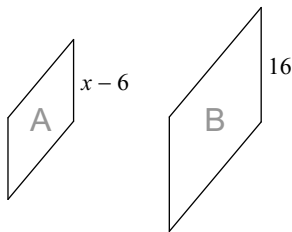


8)

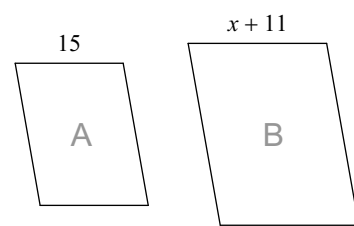


Solve for x. The polygons in each pair are similar.

9)



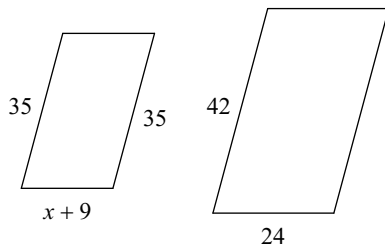
10)



scale factor from A to B = 1 : 4

scale factor from A to B = 5 : 6

11)



12)

