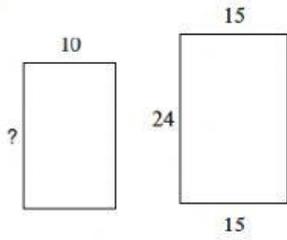


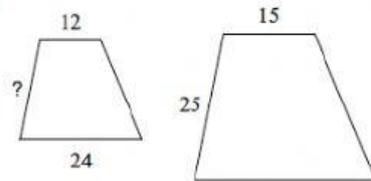
Using Similar Polygons

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

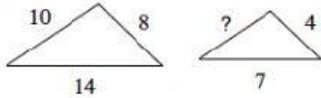
1)



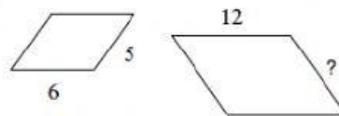
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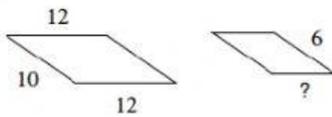
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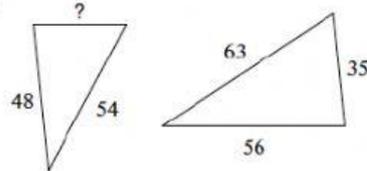
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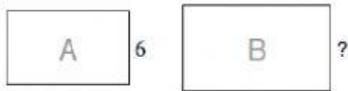
5)



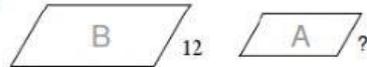
6)



7)



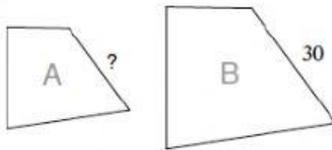
8)



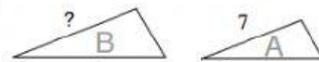
scale factor from A to B = 2 : 7

scale factor from A to B = 2 : 3

9)



10)



scale factor from A to B = 5 : 6

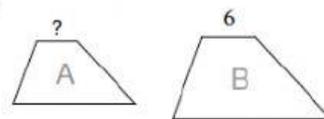
scale factor from A to B = 1 : 7

11)

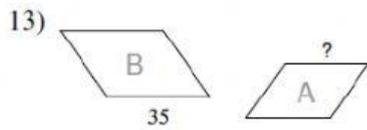


scale factor from A to B = 2 : 3

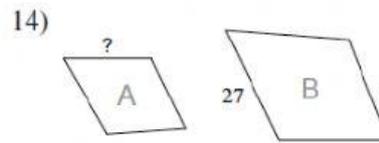
12)



scale factor from A to B = 1 : 2

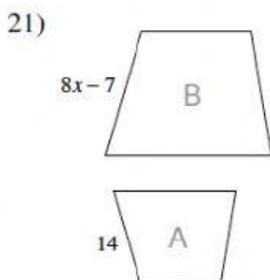
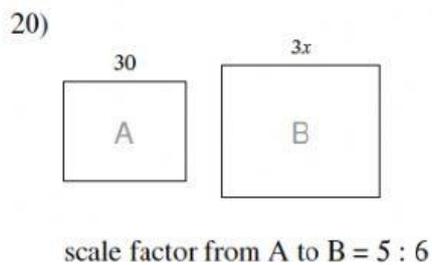
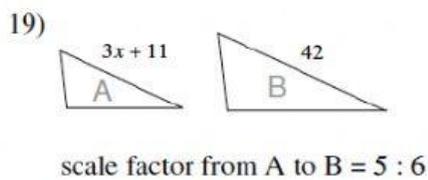
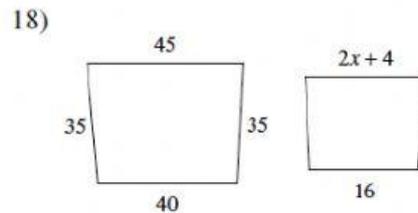
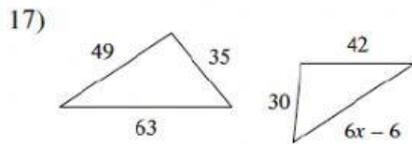
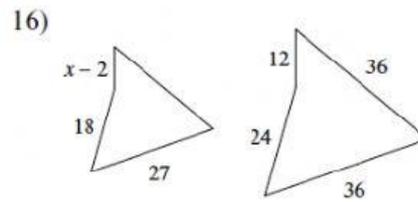
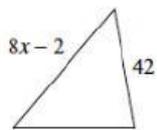
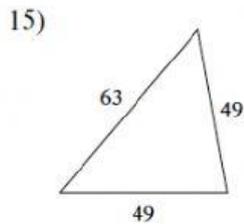


scale factor from A to B = 6 : 7

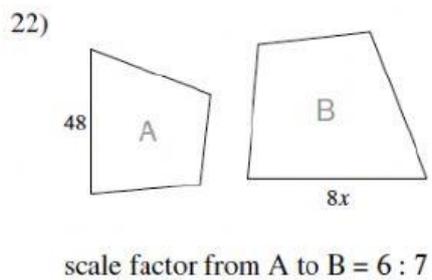


scale factor from A to B = 1 : 3

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



scale factor from A to B = 2 : 7



Dictionary