

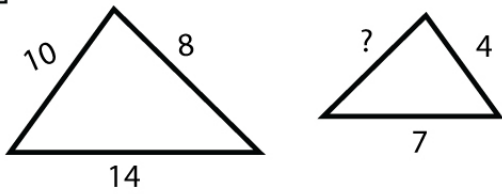
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Score : _____ Date : _____

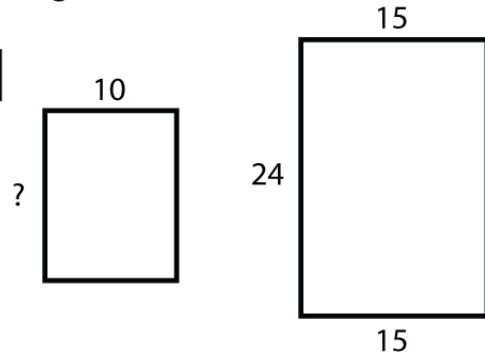
Similar Polygons in Geometry Worksheet

Find the missing side length in each pair of similar triangles.

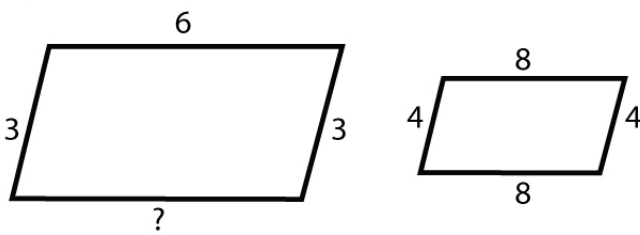
1



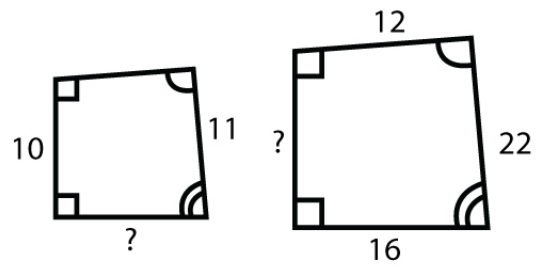
2



3

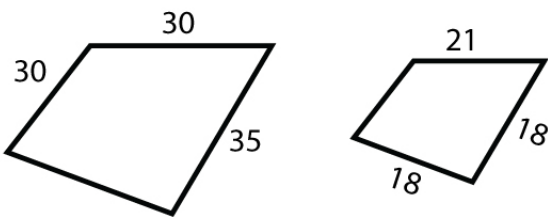


4

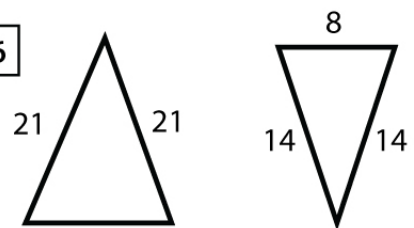


The polygons in each pair are similar. Find the scale factor of the two figures

5

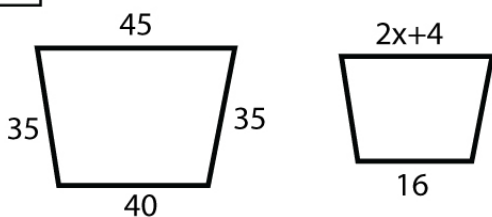


6

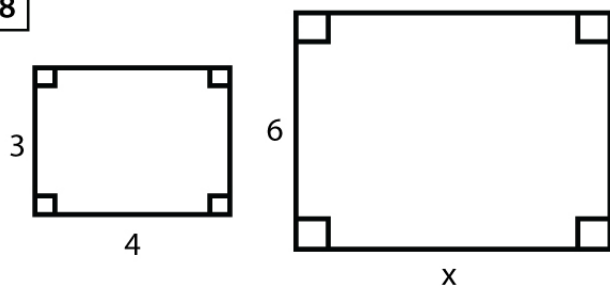


Solve for x

7



8



Name : _____

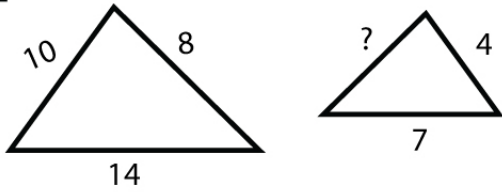
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Similar Polygons in Geometry Worksheet

Answers

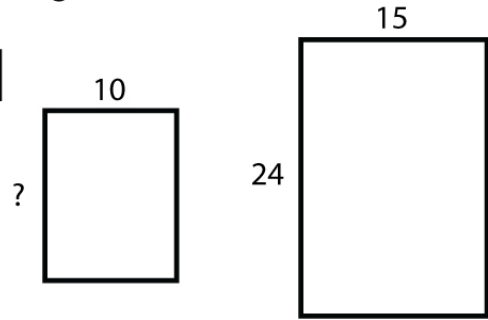
Find the missing side length in each pair of similar triangles.

1



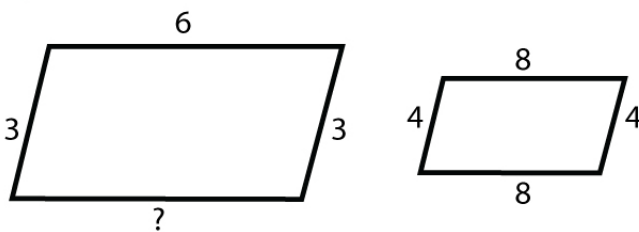
_____ 5 _____

2



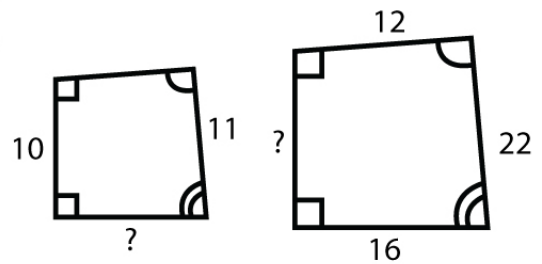
_____ 16 _____

3



_____ 6 _____

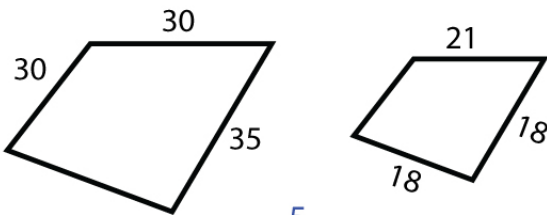
4



_____ 8 _____ 20 _____

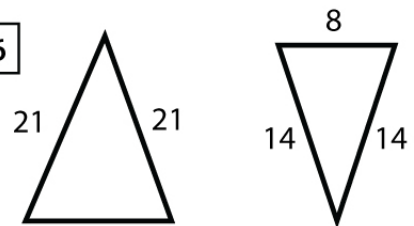
The polygons in each pair are similar. Find the scale factor of the two figures

5



_____ $\frac{5}{3}$ _____

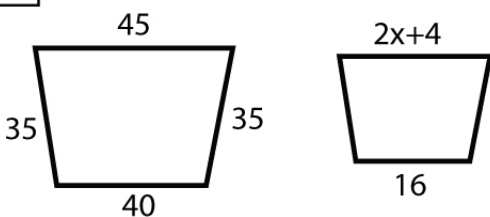
6



_____ $\frac{3}{2}$ _____

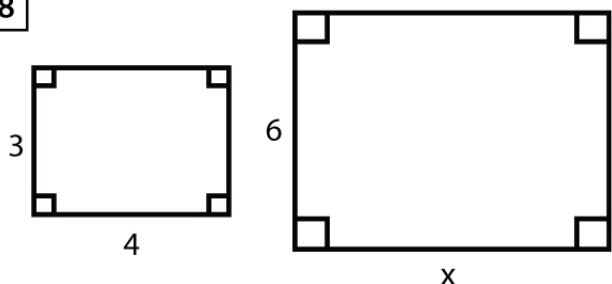
Solve for x

7



_____ 7 _____

8



_____ 8 _____