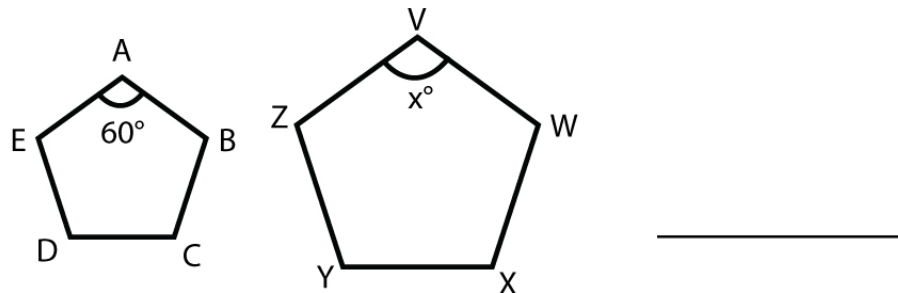


Name : _____

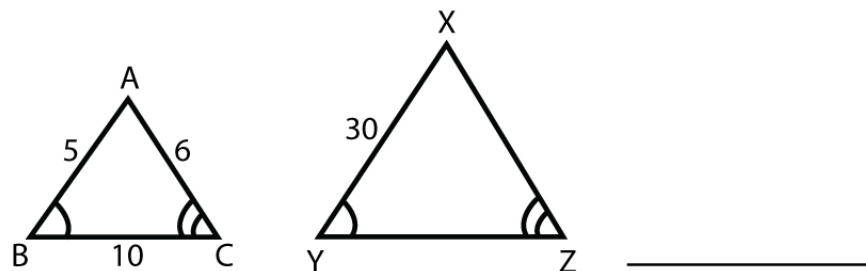
Score : _____ Date : _____

Similar Polygons and Triangles Worksheet

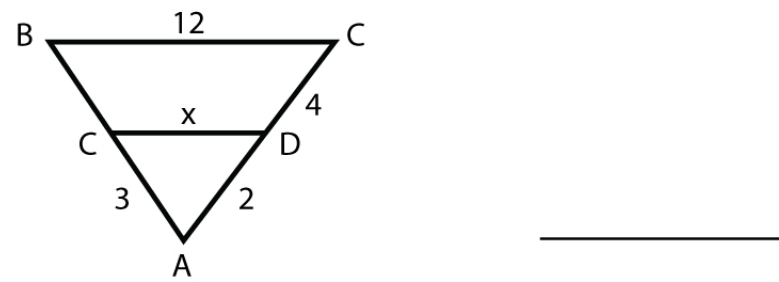
1 Pentagon ABCDE and VWXYZ are similar. Find the value of x° .



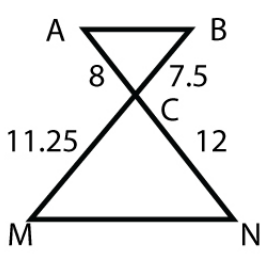
2 $\triangle ABC$ and $\triangle XYZ$ are similar. Find the perimeter of $\triangle XYZ$



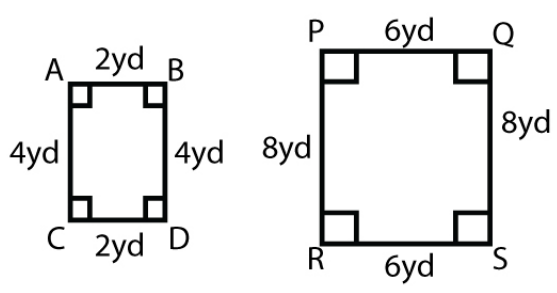
3 If $\angle ADC$ and $\angle ACB$ are similar. Find the value of x .



4 Find if $\triangle ABC$ and $\triangle NMC$ are similar.



5 Use the property of similarity to determine if the following pairs are similar.



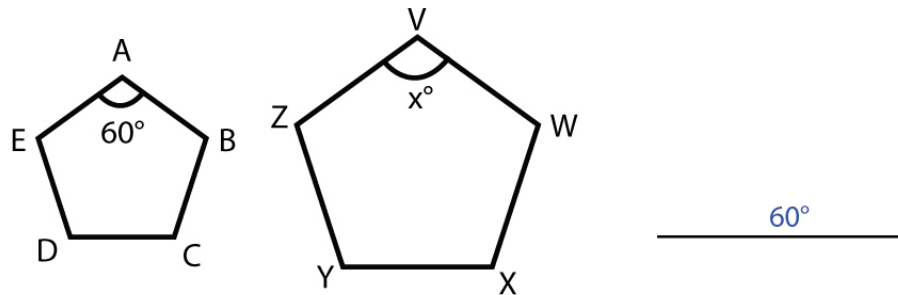
Name : _____

Score : _____ Date : _____

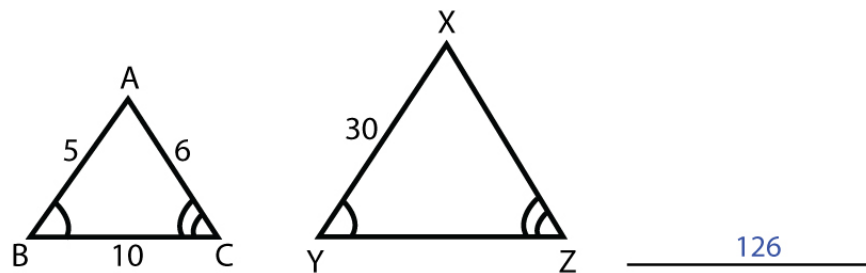
Similar Polygons and Triangles Worksheet

Answers

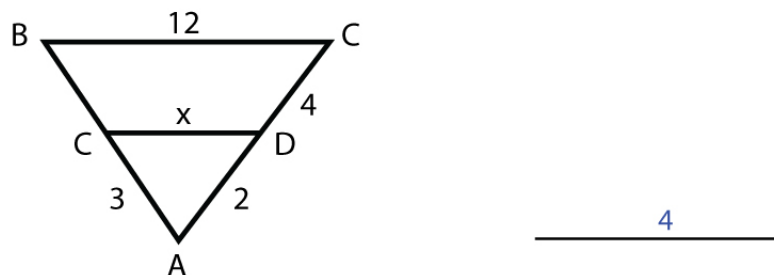
- 1 Pentagon ABCDE and VWXYZ are similar. Find the value of x° .



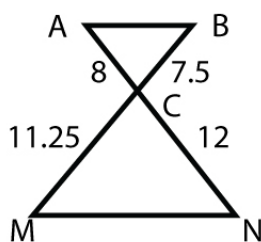
- 2 $\triangle ABC$ and $\triangle XYZ$ are similar. Find the perimeter of $\triangle XYZ$



- 3 If $\angle ADC$ and $\angle ACB$ are similar. Find the value of x .

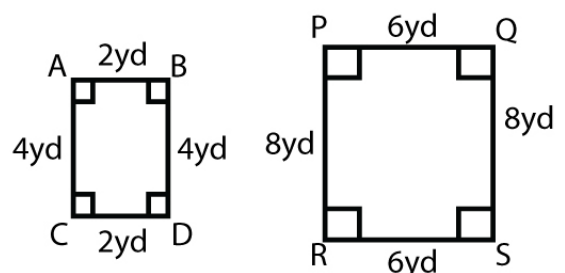


- 4 Find if $\triangle ABC$ and $\triangle NMC$ are similar.



$\triangle ABC \sim \triangle NMC$

- 5 Use the property of similarity to determine if the following pairs are similar.



Not similar