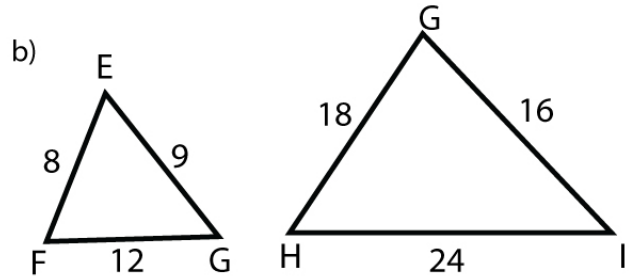
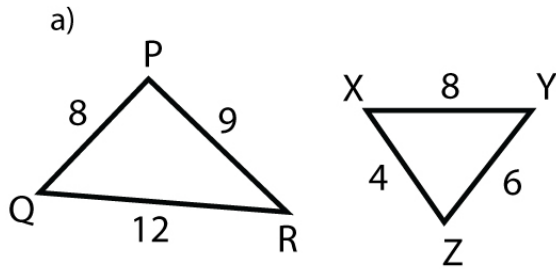


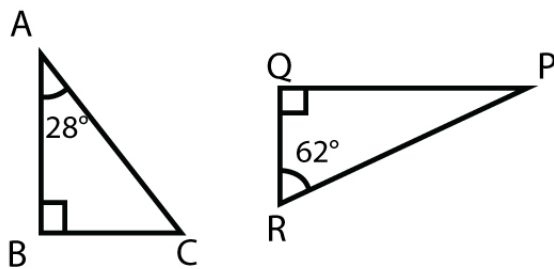
Proving Triangles Similar Worksheet

Determine whether the triangles are similar. If they are, write a similarity statement.

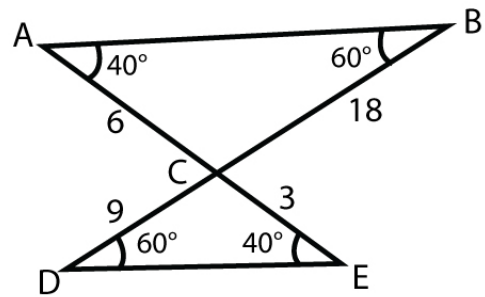
1



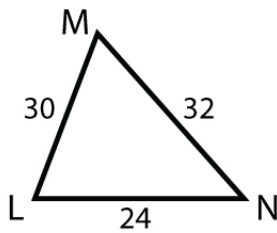
2



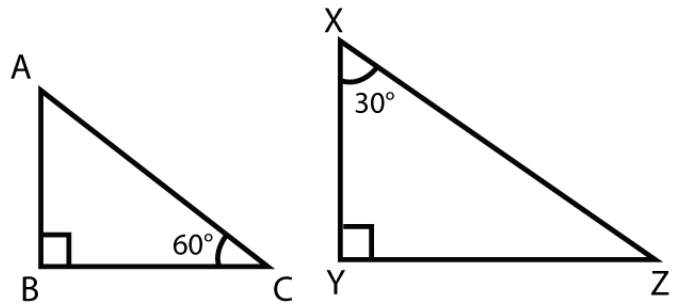
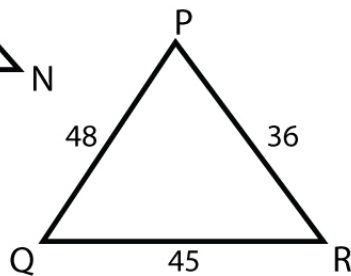
3



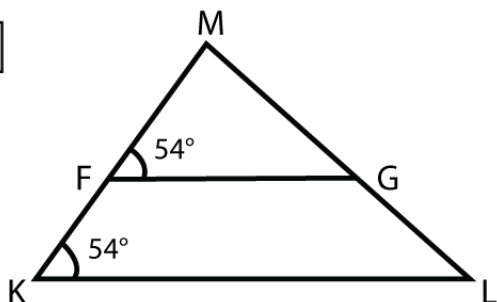
4



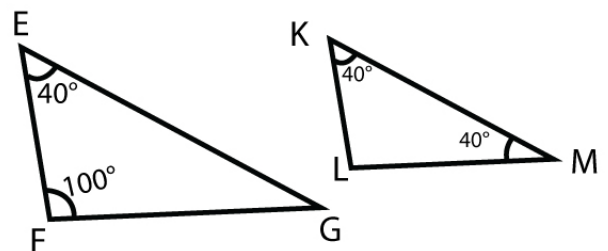
5



6



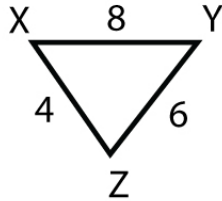
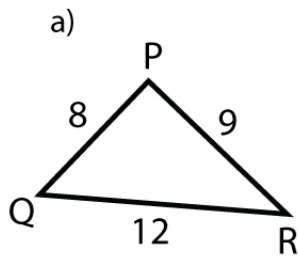
7



Proving Triangles Similar Worksheet

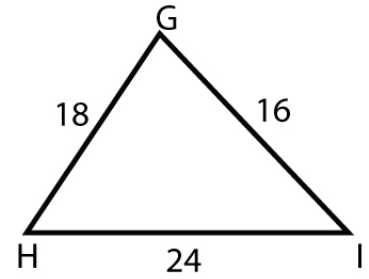
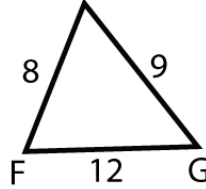
Answers

1



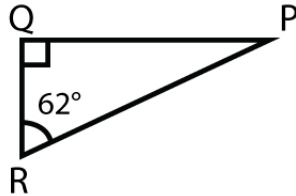
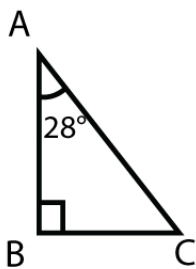
No

b)



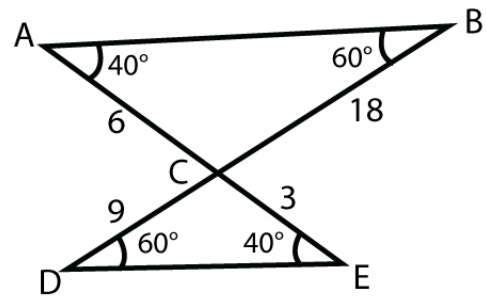
Yes, $\triangle EFG \sim \triangle GIH$

2



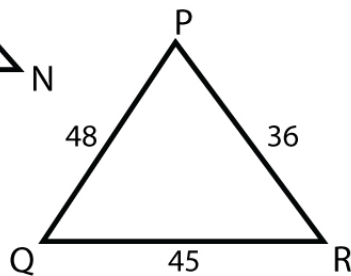
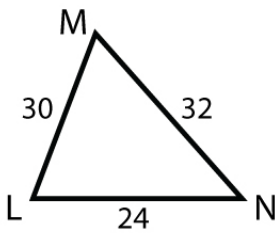
Yes, $\triangle ABC \sim \triangle PQR$

3



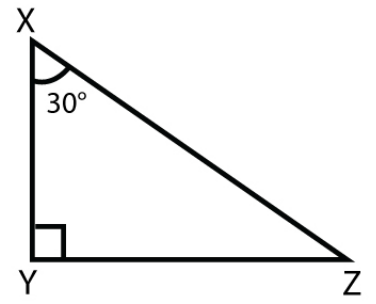
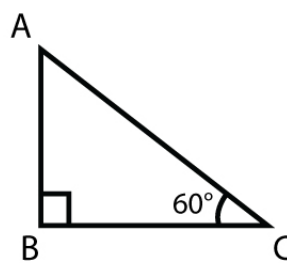
Yes, $\triangle ABC \sim \triangle EDC$

4



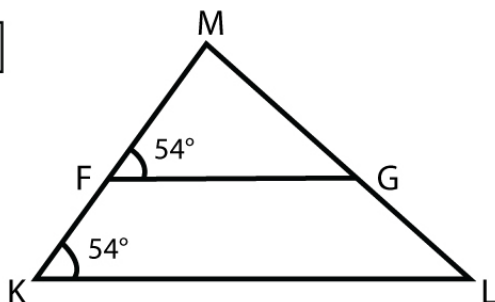
No

5



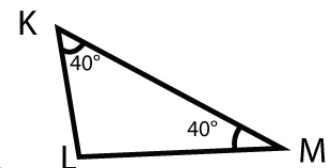
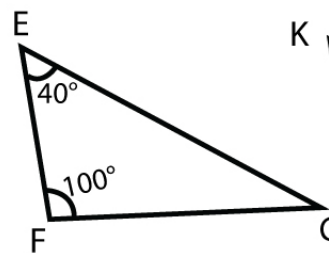
Yes, $\triangle ABC \sim \triangle XYZ$

6



Yes, $\triangle MFG \sim \triangle MKL$

7



Yes, $\triangle EFG \sim \triangle KLM$