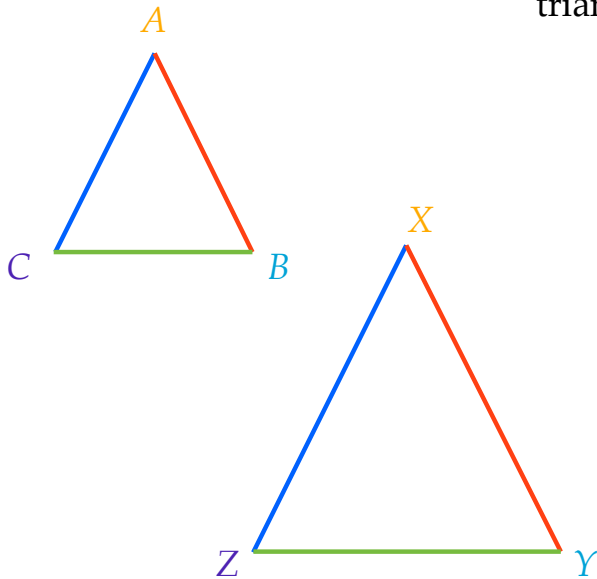


Side-Side-Side Similarity with Triangles

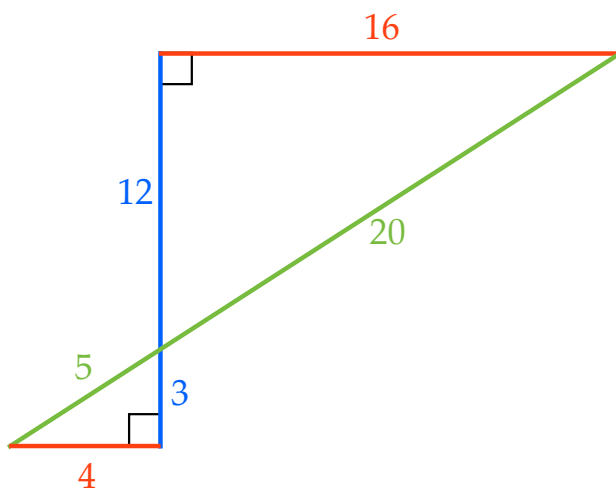
Name _____

Date _____ Period _____

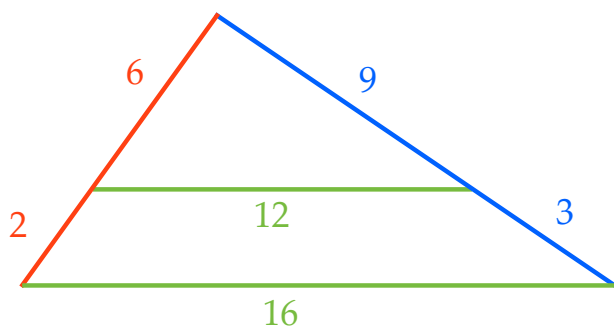
If the **corresponding sides** of two triangles are proportional, then the two triangles are similar.



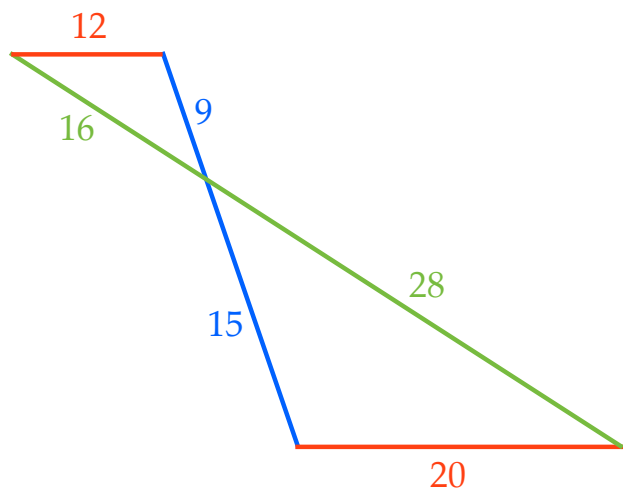
Determine if the following triangles are similar



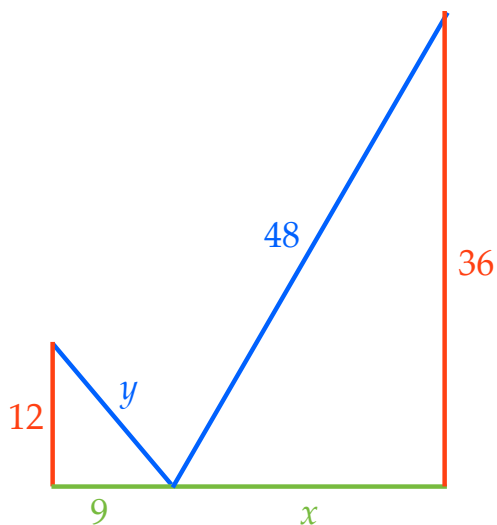
Determine if the following triangles are similar



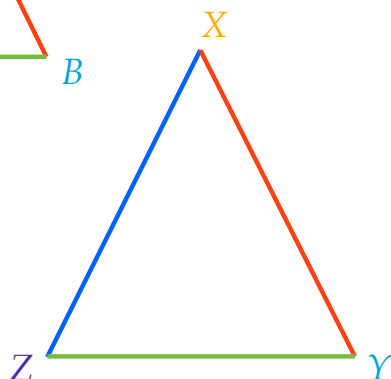
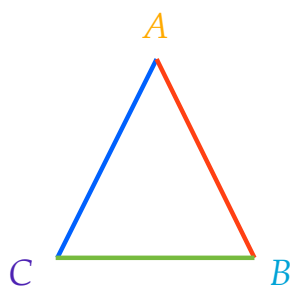
Determine if the following triangles are similar



Given the following two triangles are similar, determine the value of x and y .



If the corresponding sides of two triangles are proportional, then the two triangles are similar.



$$\text{If } \frac{AB}{XY} = \frac{BC}{YZ} = \frac{AC}{XZ}$$

then $\triangle ABC \sim \triangle XYZ$

by Side-Side-Side Similarity