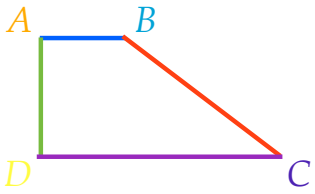
Similar Figures

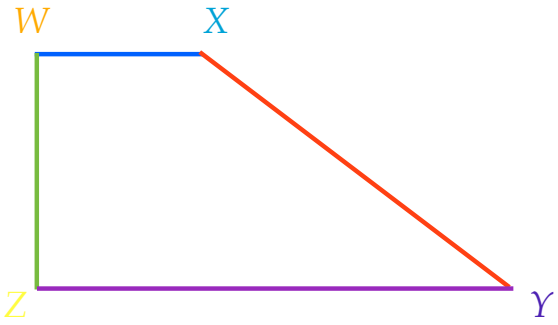
Name _____

Date _____ Period _____

Determine the corresponding angles and corresponding sides of the following figures

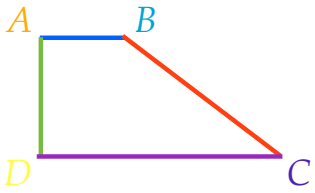


4 Total Angles



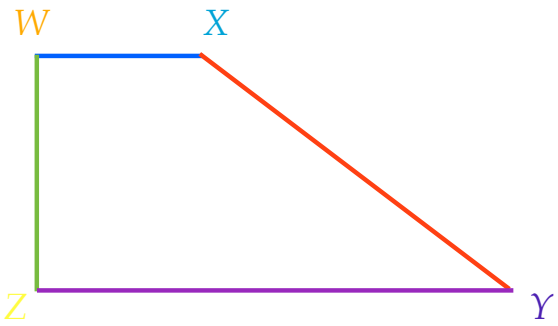
4 Total Sides

Two figures are similar if and only if their corresponding angles are congruent and their corresponding sides are proportional.



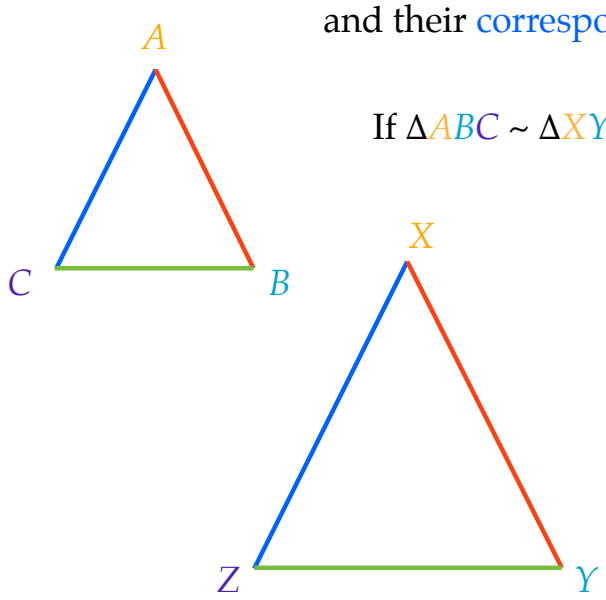
If $ABCD \sim WXYZ$...

Congruent Angles



Proportional Sides

Two figures are similar if and only if their corresponding angles are congruent and their corresponding sides are proportional.

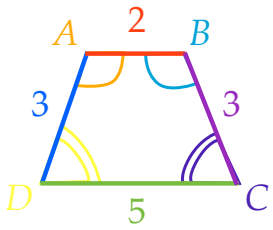


If $\Delta ABC \sim \Delta XYZ$...

Congruent Angles

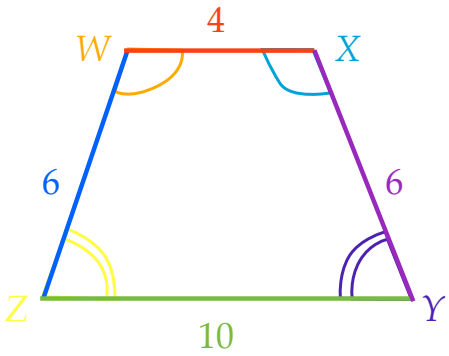
Proportional Sides

Two figures are similar if and only if their corresponding angles are congruent and their corresponding sides are proportional.



Is $ABCD \sim WXYZ$?

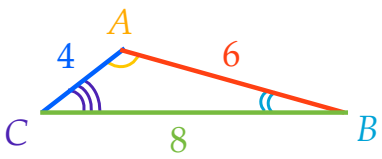
Congruent Angles?



Proportional Sides?

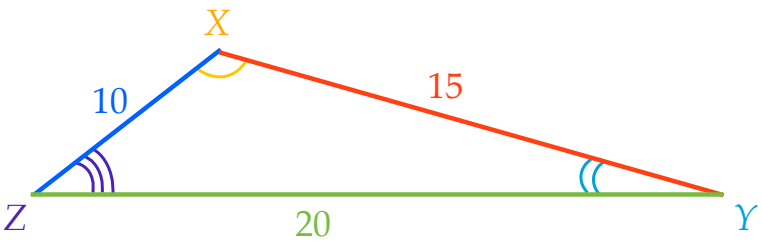
Two figures are similar if and only if their corresponding angles are congruent and their corresponding sides are proportional.

Congruent Angles?

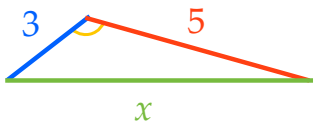


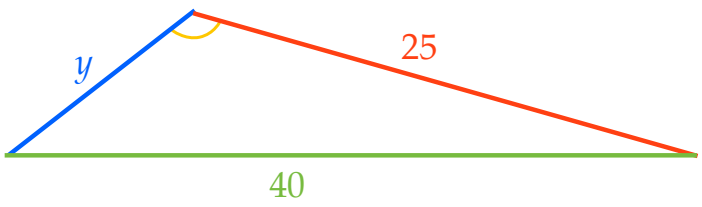
Is $\Delta ABC \sim \Delta XYZ$?

Proportional Sides?



Given two similar polygons, determine the value of x and y.





Given two similar polygons, determine the value of x, y, and z.