

## Definition of a Triangle

Name \_\_\_\_\_

Date \_\_\_\_\_ Period \_\_\_\_\_

## Triangle

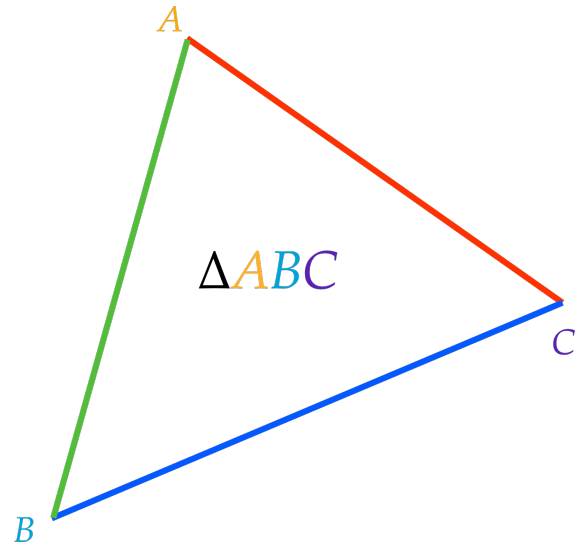
A **triangle** is a polygon with three sides.

3 Sides

3 Vertices

3 Angles

Name a Triangle using the 3 Vertices



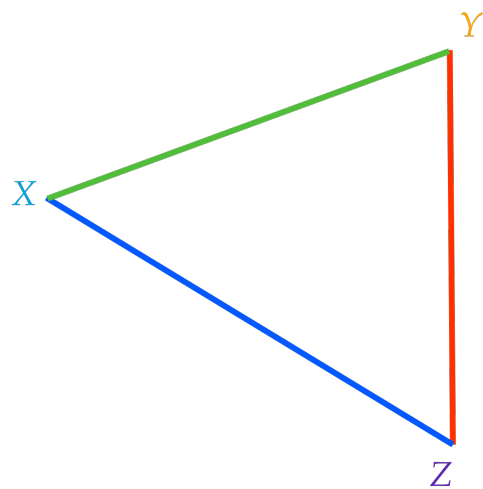
Name the following triangle. Determine the three sides, three vertices, and three angles of the triangle.

3 Sides

3 Vertices

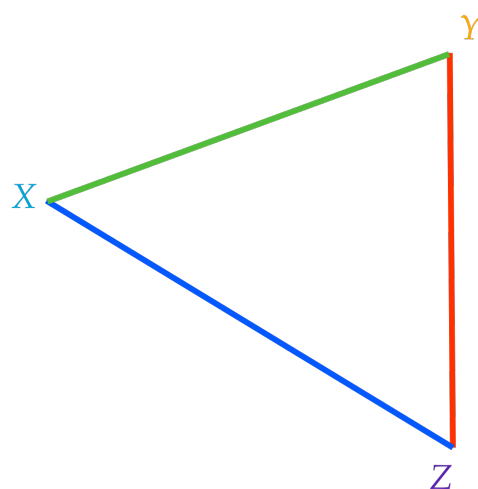
3 Angles

Triangle name



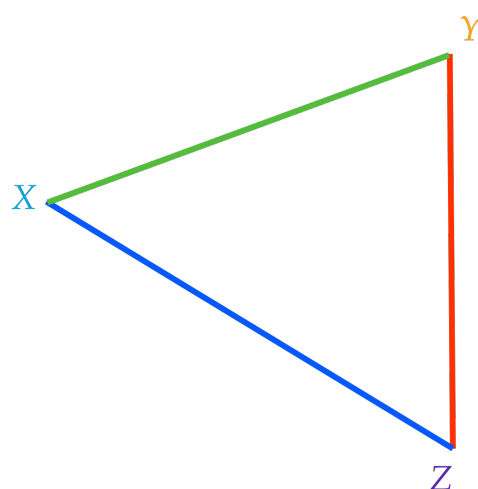
Correlation between triangle sides and angles.

Sides and angles can be  
“opposite” one another.



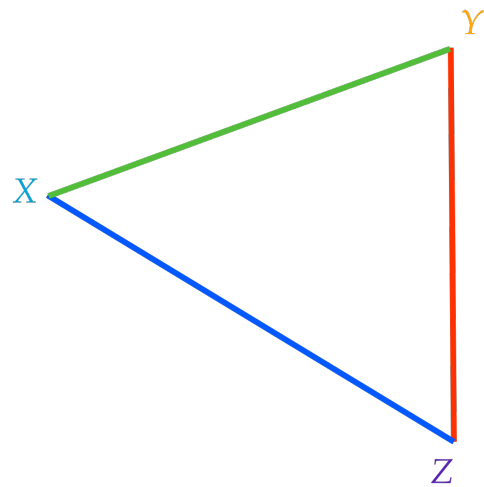
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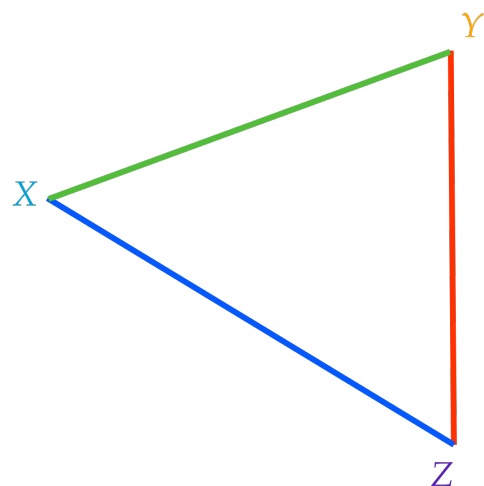
Correlation between triangle sides and angles.

Sides and angles can be  
“included” with another.



Correlation between triangle sides and angles.

Sides and angles can be  
“included” with another.



## Triangle

A **triangle** is a polygon with three sides.

3 Sides

3 Vertices

3 Angles

$\overline{SR}$

$S$

$\angle S$  or  $\angle RST$

$\overline{ST}$

$R$

$\angle R$  or  $\angle SRT$

$\overline{RT}$

$T$

$\angle T$  or  $\angle STR$

“Opposite” Correlations

“Included” Correlations

