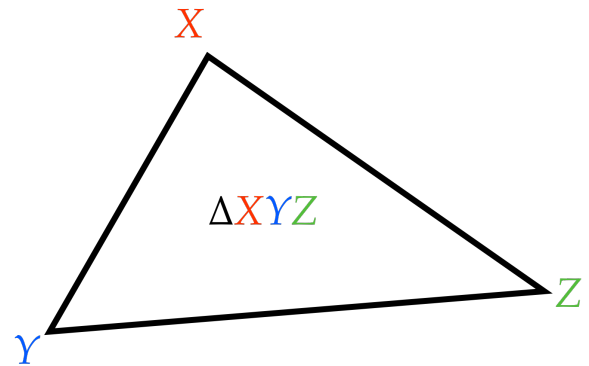
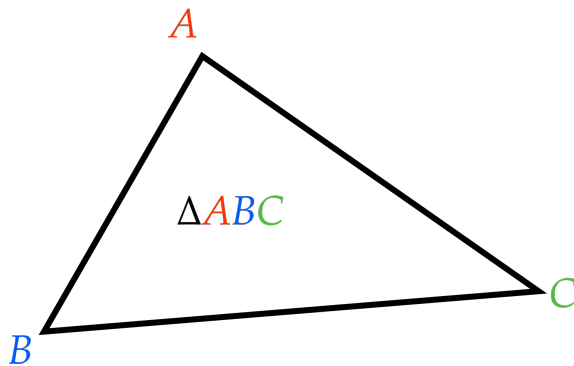


If **two angles** of one triangle are congruent to **two angles** of another triangle, then the **third angles** of the triangles are congruent.



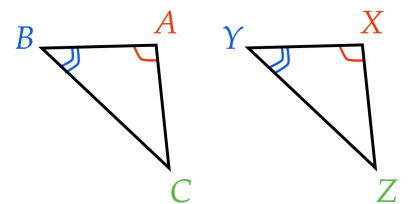
Statements	Reasons

Given:  $\triangle ABC$  and  $\triangle XYZ$

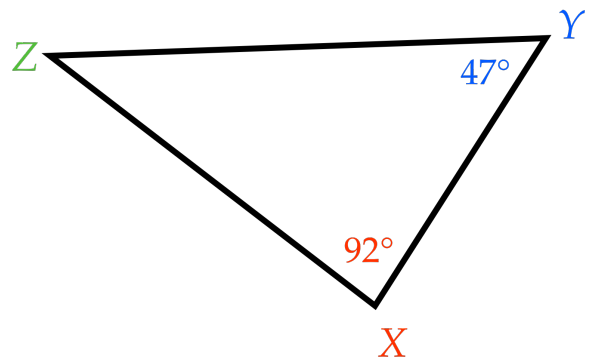
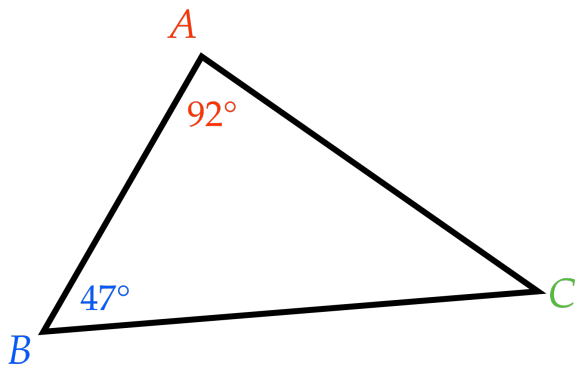
$$\angle A \cong \angle X$$

$$\angle B \cong \angle Y$$

Prove:  $\angle C \cong \angle Z$



Determine the measure of the missing angle.



If **two angles** of one triangle are congruent to **two angles** of another triangle, then the **third angles** of the triangles are congruent.

if  $\angle A \cong \angle X$  and  $\angle B \cong \angle Y$ ,  
then  $\angle C \cong \angle Z$ .

