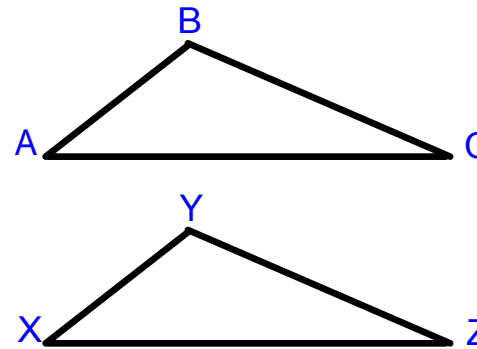


Vocabulary Card

Congruent Triangles

Corresponding Parts
of Congruent Triangles

$\triangle ABC \cong \triangle XYZ$ means:



$$\begin{aligned}\angle A &\cong \angle X \\ \angle B &\cong \angle Y \\ \angle C &\cong \angle Z \\ \overline{AB} &\cong \overline{XY} \\ \overline{AC} &\cong \overline{XZ} \\ \overline{BC} &\cong \overline{YZ}\end{aligned}$$

All corresponding parts of congruent triangles are congruent (CPCTC)

- $\angle A$ corresponds to $\angle X$
- $\angle B$ corresponds to $\angle Y$
- $\angle C$ corresponds to $\angle Z$
- \overline{AB} corresponds to \overline{XY}
- \overline{AC} corresponds to \overline{XZ}
- \overline{BC} corresponds to \overline{YZ}