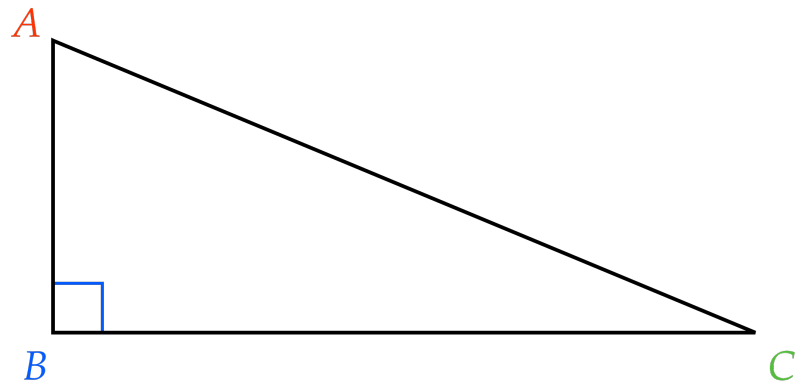


A corollary is a statement that can be proven using geometric definitions and theorems.

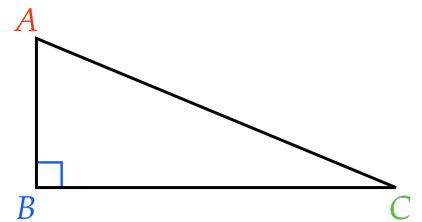
The two acute angles of a right triangle are complementary.



Statements	Reasons

Given: $\triangle ABC$
 $\angle B$ is a right angle

Prove: $\angle A$ and $\angle C$ are complementary



There can be at most **one right** or **one obtuse** angle in a triangle.

A triangle cannot have two right angles or two obtuse angles.

Statements	Reasons

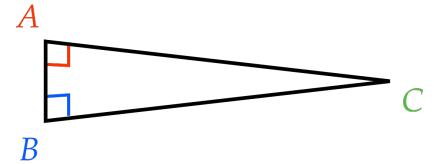
Given: $\triangle ABC$

$\angle A$ is a **right angle**

$\angle B$ is a **right angle**

Prove: $\triangle ABC$ is

not a triangle



There can be at most **one right** or **one obtuse** angle in a triangle.

A triangle cannot have two right angles or two obtuse angles.

Statements	Reasons

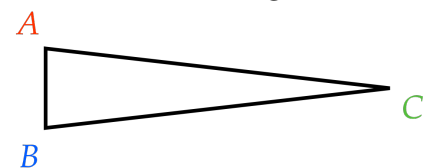
Given: $\triangle ABC$

$\angle A$ is an **obtuse angle**

$\angle B$ is an **obtuse angle**

Prove: $\triangle ABC$ is

not a triangle



A corollary is a statement that can be proven using geometric definitions and theorems.

The two **acute angles** of a **right triangle** are complementary.

There can be at most **one right** or **one obtuse** angle in a triangle.
A triangle cannot have two right angles or two obtuse angles.