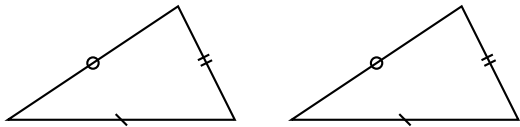


AP09 – Congruent triangles

European section, season 1

Definition



Property

What could you say about the angles of two congruent triangles ?

What could you say about the angles of two congruent triangles ?

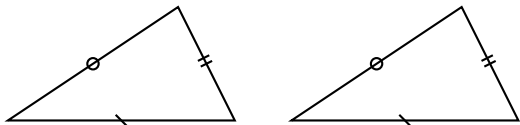
Is the converse true ? Give an exemple or a counter-example ?

How to prove congruent triangles ?

Three ways to do it.

How to prove congruent triangles ?

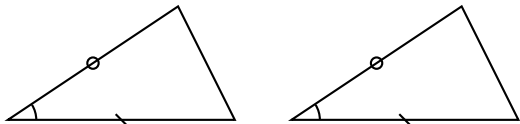
The SSS way : Using the definition.
Prove that the triangles have three pairs of equal sides.



How to prove congruent triangles ?

The SAS way.

Prove that the triangles have two pairs of equal sides and the angles between these sides equal.



How to prove congruent triangles ?

The ASA way.

Prove that the triangles have two pairs of equal angles and the sides between these sides equal.

