

Module 1

Triangle Congruence



What this module is about

This module is about triangle congruence. It will teach you how to prove that two triangles are congruent by SSS, SAS, ASA and SSS congruent postulates.



What you are expected to learn

This module is designed for you to:

1. apply the properties of congruence by:
 - Reflexive property
 - Symmetric property
 - Transitive property
2. use inductive skills to prove congruence between triangles
3. show congruence between triangles by:
 - SSS congruence
 - SAS congruence
 - ASA congruence
 - SAA congruence



How much do you know

For each pair of triangles, identical marks indicate two pairs of corresponding congruent parts. Name the congruence postulate which will prove the triangles congruent.



What you will do

Lesson 1

Properties of Congruence

Lesson 2

Congruent Triangles

Lesson 3

SSS Congruence

SSS Congruence

Lesson 4

SAS Congruence

Lesson 5
ASA Congruence

Lesson 6
SAA Congruence



Let's summarize



What have you learned



Answer key