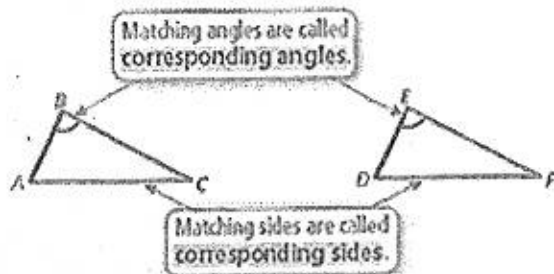


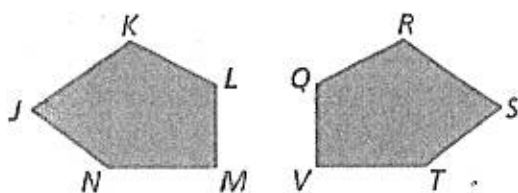
Key Idea

Congruent Figures

Figures that have the same size and the same shape are called **congruent figures**. The triangles below are congruent.



The figures are congruent.
Name the corresponding angles
and the corresponding sides.



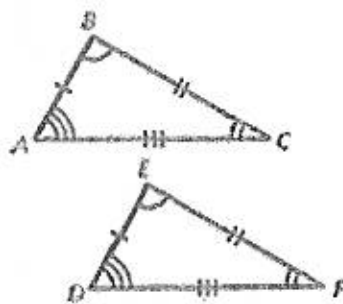
Key Idea

Identifying Congruent Figures

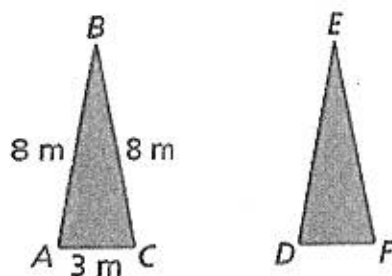
Two figures are congruent when
corresponding angles and
corresponding sides are congruent.

Triangle ABC is congruent to
Triangle DEF .

$$\triangle ABC \cong \triangle DEF$$



Triangles ABC and DEF are congruent.



- What is the length of Side EF ?
- What is the perimeter of DEF ?

