




## SkillsSHEET 11.9

# Classifying triangles according to the lengths of their sides

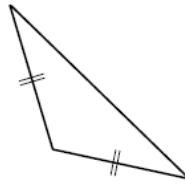
Triangles can be classified according to their side lengths as follows.

Side name	Diagram	Description
An equilateral triangle		All three sides are equal in length.
An isosceles triangle		Exactly two sides are equal in length.
A scalene triangle		All three sides are of different lengths.

Note that in the diagrams, the sides of equal length are shown by identical markings.

### WORKED Example

State the side name of the triangle shown.



#### THINK

Two sides of the triangle have identical markings on them; therefore these two sides are equal in length. State the name of the triangle with exactly two equal sides.

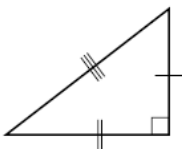
#### WRITE

Side name: an isosceles triangle

#### Try these

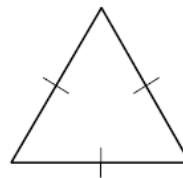
State the side name of the triangles shown.

1

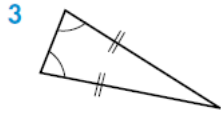


Side name: .....

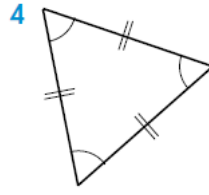
2



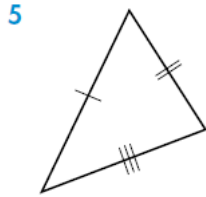
Side name: .....



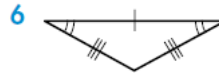
Side name: .....



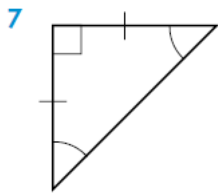
Side name: .....



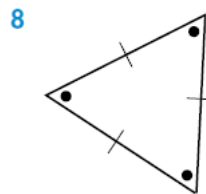
Side name: .....



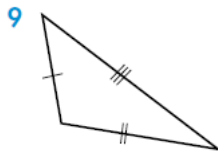
Side name: .....



Side name: .....



Side name: .....



Side name: .....