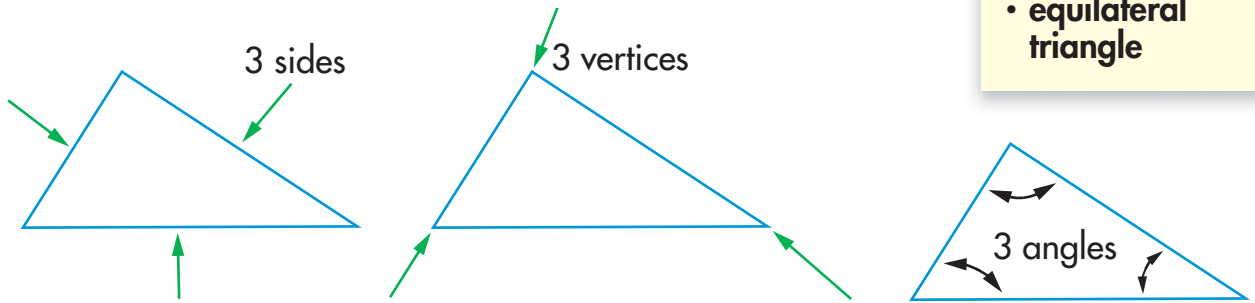


Triangles

Math Words

- triangle
- right triangle
- equilateral triangle

A triangle is a polygon that has:



Triangles are described in two ways:

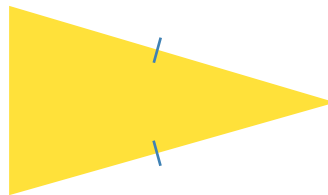
- By the lengths of their sides:

scalene triangle



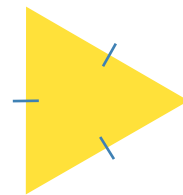
All sides have different lengths.

isosceles triangle



Two sides have the same length.

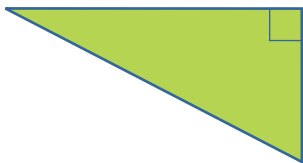
equilateral triangle



All three sides have the same length.

- By the sizes of their angles:

right triangle



One angle is 90° .

obtuse triangle



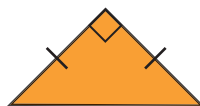
One angle is greater than 90° .

acute triangle



All angles are less than 90° .

This is an isosceles right triangle.



Draw a scalene acute triangle. Draw an obtuse isosceles triangle. Is it possible to draw a right equilateral triangle? Why or why not?