

Angles inside triangles.

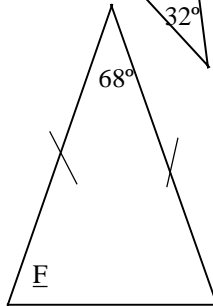
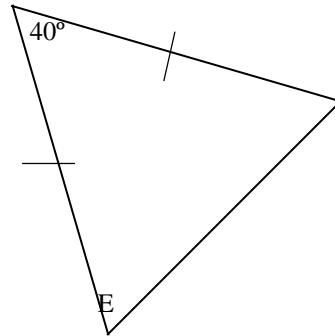
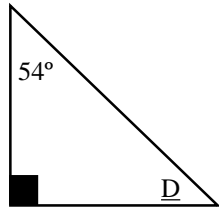
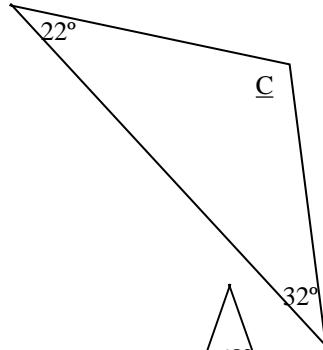
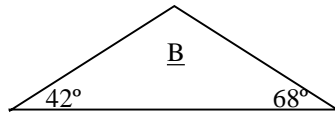
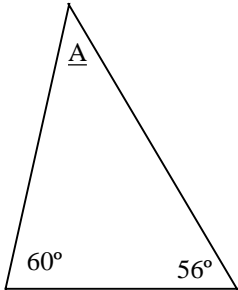
Angles inside triangles add up to make _____ degrees.

Illustrate and **explain** why.

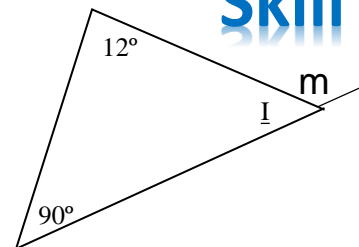
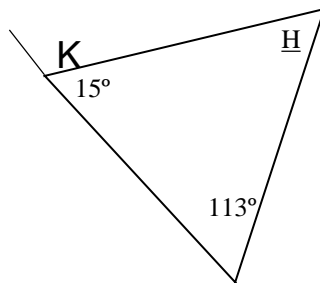
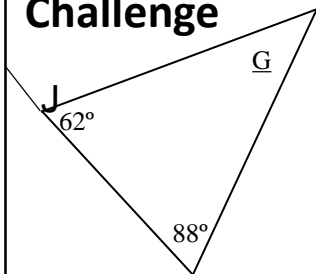
Literacy

Find the missing angles in these Triangles.

Skill 1



Challenge



Skill 2

Create a definition for each of these types of triangles:

Isosceles

Right-Angled

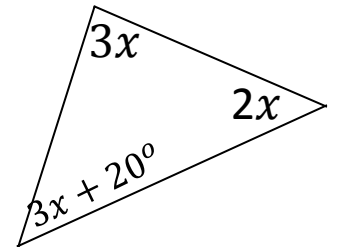
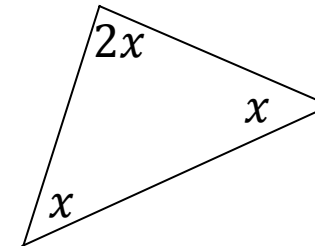
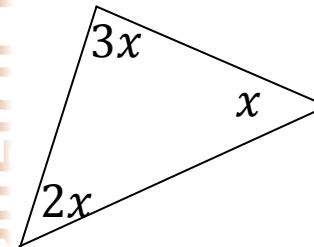
Equilateral

Scalene

Literacy

Create equations and **Solve** the following problems for x .

Stretch 1



Challenge

Explore quadrilaterals. What do the angles total?

Try another shape with the same amount of sides.

Is there a pattern?

How can we prove this total? (Think triangles)

Design your own quadrilateral questions with answers.

Stretch 2