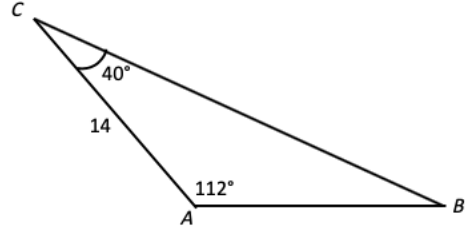


G – Triangles

How many degrees are in a triangle? _____

Ex. 1 Can a triangle have the following angle measures?
Show why or why not.
 $70^\circ, 80^\circ, 90^\circ$

Ex. 2 Find the missing angle.



Triangle Inequality Theorem

Ex. 3 Can the following side lengths create a triangle? Show why or why not.
 $15, 10, 3$

Ex. 4 Can the following side lengths create a triangle? Show why or why not.
 $2, 9, 10$

Ex. 5 Can the following side lengths create a triangle? Show why or why not.
 $8, 15, 7$