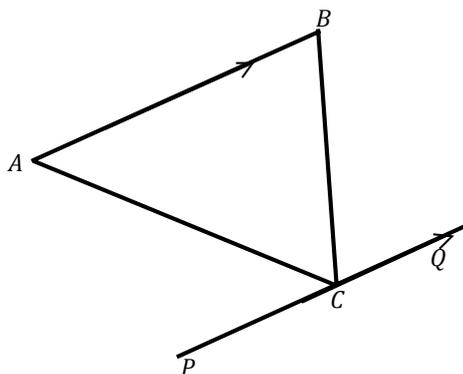


Angle sum of a triangle: Student worksheet

<http://topdrawer.aamt.edu.au/Geometric-reasoning/Big-ideas/Geometric-proof/Convince-me>



Consider $\triangle ABC$.

Construct $PQ \parallel AB$ passing through C .

$\angle BAC = \angle$ _____ (_____ , $AB \parallel PQ$)

Similarly, $\angle ABC = \angle$ _____

$\therefore \angle ABC + \angle ABC + \angle ABC = \angle ABC$ (_____)
 $=$ _____ $^{\circ}$

