

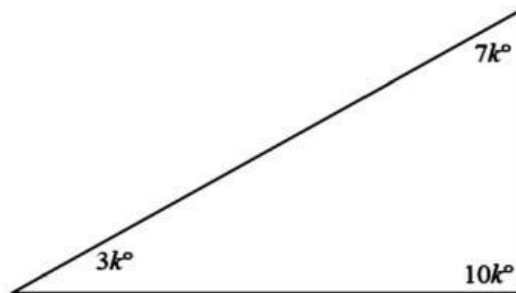
L sheet 4

Geometry

Q. 1

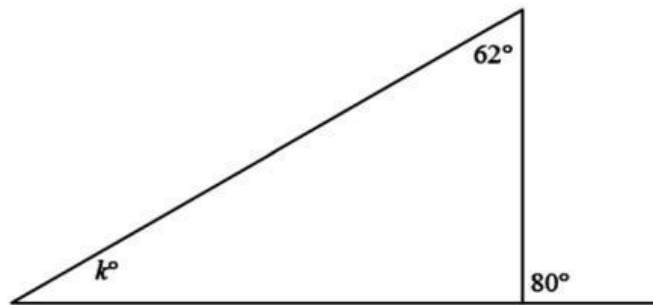
The measure of the exterior angle of the equilateral triangle at any one of its vertices equals

Q. 2



What is the value of k ?

Q. 3



What is the value of k ?

Q. 4

Find the measure of an interior angle of a regular octagon.

Q. 5

Find the number of sides of a regular polygon if the measure of one exterior angle is 40°

$n =$

Q. 6

The measure of the exterior angles of a polygon are: x° , $2x^\circ$, $3x^\circ$, $4x^\circ$ and $5x^\circ$. Find x .

$x =$

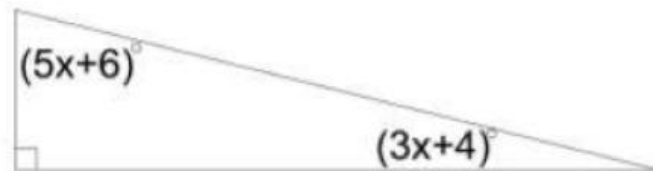
Q. 7

$x =$



Q. 8

$x =$



Q. 9

**Given $\angle A$ and $\angle B$ are both supplements of $\angle 1$.
Find x if $m\angle A = (2x + 33)^\circ$ and $m\angle B = (5x - 15)^\circ$.**

Q. 10

$z =$

