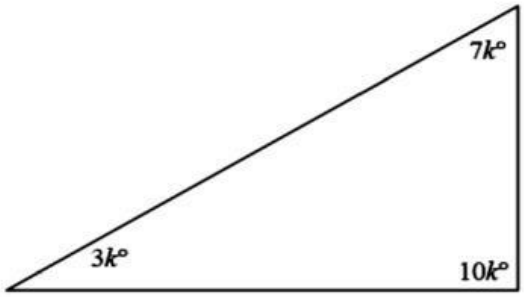
L sheet 4

Geometry

Q. 1

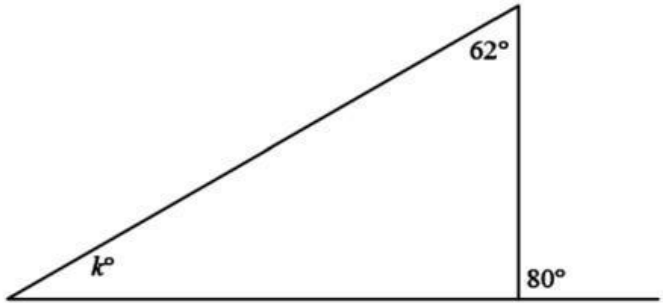
The measure of the exterior angle of the equilateral triangle at any one of its vertices equals .....

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 =

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Q. 6

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

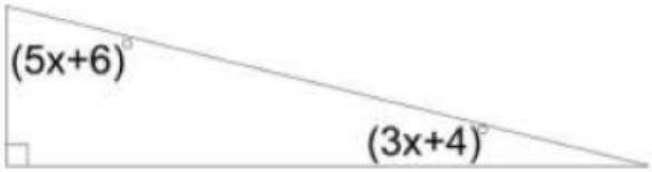
X =

Q. 7

X =

Q. 8

X =

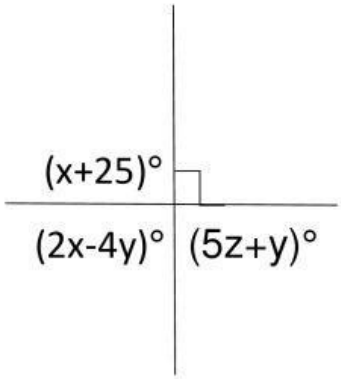


Q. 9

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

Q. 10

Z =



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