

L sheet 3

Geometry

Q. 1

The measure of one of the interior angles of a regular polygon is 144°

Find the number of its sides. $n =$

Q. 2

The measure of the interior angle of a regular polygon of 18 sides equals

Q. 3

The sum of measures of the exterior angles of the triangle equals

Q. 4

If the measure of an interior angle of a regular polygon is 135° , then the number of its sides is

Q. 5

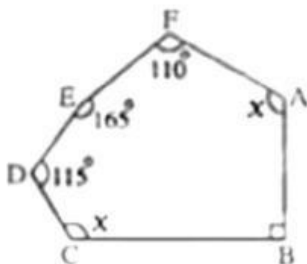
In the opposite figure :

ABCDEF is a hexagon.

$m(\angle FAB) = m(\angle DCB)$

Find :

The value of x



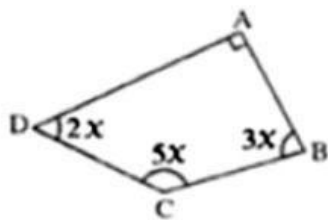
Q. 6

In the opposite figure :

ABCD is a quadrilateral

in which : $m(\angle A) = 90^\circ$

Find : The value of x



Q. 7

A polygon has 15 sides :

Calculate the sum of the measures of its interior angles.

Q. 8

The sum of measures of the interior angles of a heptagon is°

Q. 9

The sum of measures of the exterior angles of a regular pentagon =

Q. 10

The sum of measures of the interior angles of a triangle =°