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

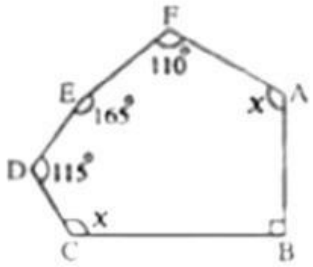
In the opposite figure :

ABCDEF is a hexagon.

m (∠ FAB) = m (∠ DCB)

Find :

The value of X



LIVEWORKSHEETS

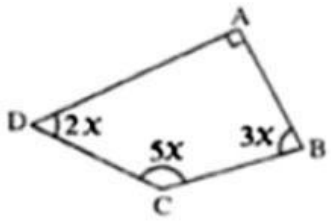
Q. 6

In the opposite figure :

ABCD is a quadrilateral

in which : m (∠ A) = 90°

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 = ...°

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