

SESSION: 2024-25

SUBJECT: MATHS

CLASS: VIII

CHAPTER : 14 POLYGON

NAME:

Q.1 Find the measure of each interior angle of a regular polygon

Having: (i) 10 sides (ii) 15 sides

Q.2 What is the sum of all interior angles of a regular

(i) Pentagon (ii) Hexagon

Q.3 What is the number of diagonals in a

(i) Heptagon (ii) Hexagon

Q.4 The measure of each exterior angle of a polygon is 40° . How many sides does it have?

Q.5 Each interior angle of a polygon is 108° . How many sides does it have?

Q.6 The sum of all interior angles of a regular polygon is 1080° . What is the measure of each of its interior angles?

Q.7 How many diagonals are there in a polygon having 12 sides?

Q.8 Find the value of x in regular pentagon

