GURUKUL INTERNATIONAL SCHOOL

SESSION: 2024-25

SUBJECT: MATHS **CLASS: VIII**

CHAPTER : POLYGON

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

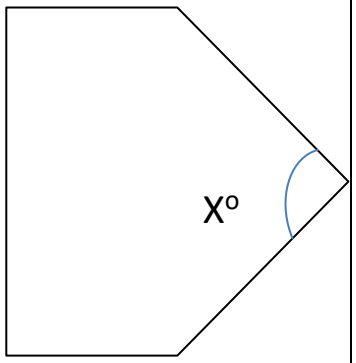
Q.4 The measure of each exterior angle of a polygon is 40°. How many sides does it have?

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



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