



Weekend Worksheet – 2014-15

MATHEMATICS

Class ▶	VIII	Section ▶	<input type="text"/>	Date ▶	5.9.14
Name ▶	<input type="text"/>			Roll No. ▶	<input type="text"/>

1. If three interior angles of a pentagon are 100° , 110° and 90° and if the other two angles are equal, find the equal angles.
2. Find the sum of the interior angles of a polygon with
 - a) 10 sides
 - b) 14 sides
 - c) 32 sides
 - d) 17 sides
3. Find the sum of the exterior angles of a polygon with
 - a) 5 sides
 - b) 9 sides
 - c) 22 sides
 - d) 31sides
4. Find the number of sides of the regular polygon whose each exterior angle is 12°
5. Find each exterior angle of a regular octagon and regular dodecagon
6. A Rhombus whose one side is 10 cm has one diagonal length 12cm. Find the measure of the other diagonal