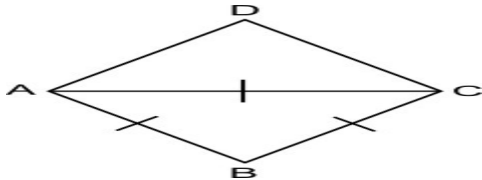


CLASS -VIII
SUBJECT- Mathematics
REVISION WORKSHEET- Understanding Quadrilaterals

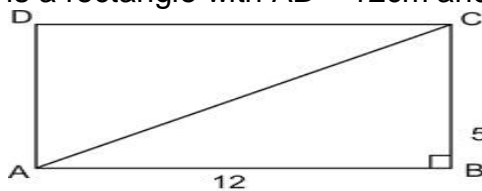
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DATE- 10.9.13

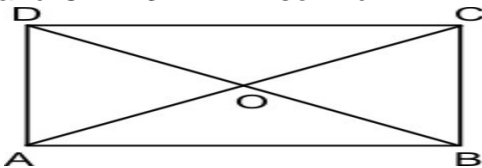
Q1 The diagonal AC of rhombus ABCD is equal to one of its sides BC. Find all the angles of rhombus.



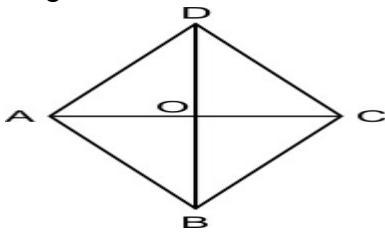
Q2 ABCD is a rectangle with AB = 12cm and BC = 5cm. Find AC.



Q3 In the following figure, ABCD is a rectangle and its diagonals meet at O. Find x, if $OA = 2x + 4$ and $OD = 3x + 1$. Also find BD.



Q4 The lengths of the diagonals AC and BD of a rhombus are 6 cm and 8 cm respectively. Find the length of each side of the rhombus.



Q5 What is the sum of all the angles of a 11-sided polygon?

Q6 Five angles of a hexagon are 150° , 95° , 80° , 135° and 125° . Find the sixth angle.

Q7 Find the measure of each angle of a regular pentagon.

Q8 How many diagonals are there in (a) a hexagon (b) an octagon?

Q9 If each interior angle of a regular polygon is 144° . Find the number of sides of the polygon.

Q10 An exterior angle and the interior angle of a regular polygon are in the ratio 2:7. Find the number of sides in the polygon?

Q11 Find the sum of the interior angles of a polygon with 8 sides.