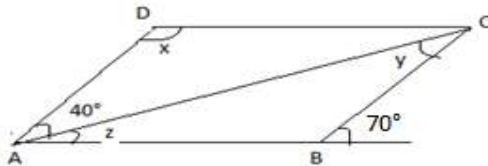


WORK SHEET
SUBJECT- Maths
Chapter 3- Quadrilateral

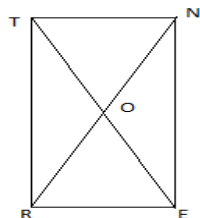
CLASS- VIII

Date- 18.6.14

- 1) In a quadrilateral if one pair of opposite sides is equal and parallel, the figure is.....
- 2) If one angle of a parallelogram is a right angle, then it is necessarily a
- 3) If opposite angles of a quadrilateral are equal, then it is necessarily a
- 4) If the consecutive sides of a parallelogram are equal, then it is necessarily a
- 5) Diagonals necessarily bisect opposite angles in a
- 6) The angles of a quadrilateral are in the ratio 1:2:3:4. Find the measure of its four angles.
- 7) The measure of one angle of a parallelogram is 80° . Find the measure of other angles.
- 8) The sum of interior angles of a polygon of 10 sides is.....
- 9) One of a quadrilateral is 108° and other three angles are equal, then the value of each equal angle is.....
- 10) Exterior angle of a regular polygon is 24° . Find the number of sides of the polygon.
- 11) Find the values of x , y and z in the given parallelogram ABCD

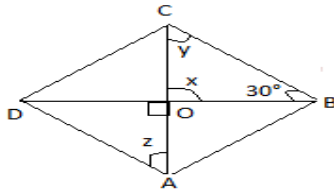


- 12) Explain why a rectangle is a convex polygon.
- 13) RENT is a rectangle its diagonals meet at O. Find x , $OR = 2x + 4$ and $OT = 3x + 1$

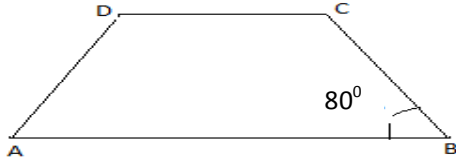


- 14) Write three properties of a parallelogram.
- 15) What is the minimum possible interior angle of a regular polygon and why?

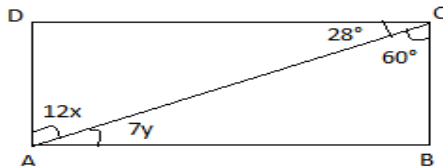
16) Find the values of x , y and z of a rectangle ABCD



17) ABCD is an isosceles trapezium in which AB and CD are parallel. Find the other angles.



18) ABCD is a parallelogram. Find x and y .



19) Write the difference between diagonals of a square and a rhombus.

20) Find the values of x and y in the given figure:

