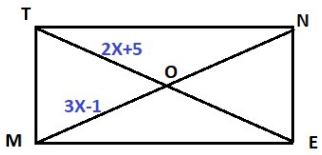
1st may, 2020

SATISH CHANDRA MEMORIAL SCHOOL

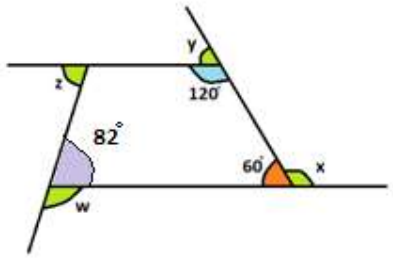
Class: VIII Ch: 3 (Understanding Quadrilaterals)

Chapter Test MM: 20

1. The sum of all interior angle of a regular Pentagon is: a) 360° b)540° c) 90° (1)
2. Every convex polygon is a regular figure: a) True b)False (1)
3. Sum of the adjacent angles of a parallelogram is : a) 360° b)90° c)180° (1)
4. State True / False: All squares are rhombus. (1)
5. Name one quadrilateral whose diagonals are perpendicular bisector of each other. (1)
6. How many sides have a regular polygon, each exterior angle measure 18°? (2)
7. Find the measure of each interior angle of a regular polygon of side 24. (2)
8. The angles of a quadrilateral are in the ratio 1:3:6:8. Find the measure of greater angle. (3)
9. MENT is a rectangle. Its diagonals meet at O. Find x (in cm), if OM = 3x - 1 and OT = 2x + 5 (4)



10. From the given figure (without using sum of all exterior angles of a regular polygon is 360°)find x + y + z + w (mention identity) (4)



Answers

1. b) 540° 2. b) False 3. c) 180° 4. True 5. Rhombus

6. n = 20 7. 165° 8. 160° 9. X= 6 cm 10. 360°