

Name: _____						
Subject: Math		Class: 9 th		Time: 60 minutes		
Unit Number:		MJDexpert.com			Total Marks: 30	Obtained marks

Q#1

Circle the correct option

1×8=8

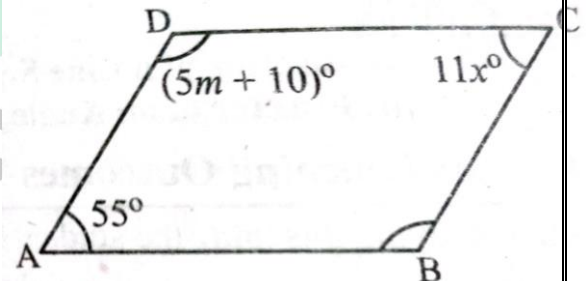
1. $\frac{1}{2}(\text{Sum of parallel sides}) \times h$ is the formula for finding the area of:
 - a) Rhombus
 - b) Square
 - c) Rectangle
 - d) Trapezium
2. The line segment joining the mid points of a quadrilateral form a:
 - a) Parallelogram
 - b) Square
 - c) Rectangle
 - d) Trapezium
3. The line segment joining two sides of triangle is _____ to third side:
 - a) Parallel
 - b) Perpendicular
 - c) Congruent
 - d) Concurrent
4. In a parallelogram opposite angles are:
 - a) Equal
 - b) Congruent
 - c) Both a and b
 - d) None of these
5. In a right angle triangle the sum of two acute angle is:
 - a) 90
 - b) 180
 - c) 270
 - d) 360
6. Bisect mean to divide into----- equal parts.
 - a) 0
 - b) 1
 - c) 2
 - d) 3
7. In a parallelogram, consecutive angles are:
 - a) Complementary
 - b) Supplementary
 - c) Right Angled
 - d) None of these
8. The line segment joining the mid points of two sides a triangle, it is..... to third side.
 - a) Parallel
 - b) Perpendicular
 - c) Congruent
 - d) Opposite

Q#2

Attempt all the short questions

2×5=10

- i. In a parallelogram if the sum of opposite angles is 110° , find the remaining angles.
- ii. Define triangle.
- iii. Define Parallelogram.
- iv. Define trapezium.
- v. If the given figure ABCD is a parallelogram find x, m .

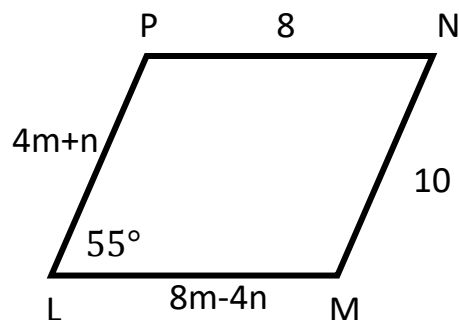


Q#3

Write detailed answer of the following questions

4+8=12

- a) The given figure LMNP is a parallelogram find the value of m, n .



- b) Prove that any point on the right bisector of a line segment is equidistance from its end point.

Name: _____	Subject: Math	Class: 9 th	Time: 60 minutes	Total Marks:	30
Unit Number:	MJExpert.com			Obtained marks	

MJD
Expert.com