

Class 8 Maths Chapter 4 Practical Geometry MCQs

Choose the correct answer.

1. The shape that has two pairs of distinct adjacent sides equal and the diagonals are perpendicular to each other is called:
 - a. Square
 - b. Rhombus
 - c. Kite
 - d. Parallelogram
2. The isosceles triangle has:
 - a. All its three sides unequal
 - b. Any two sides equal in length
 - c. All three sides are equal in length
 - d. None of these
3. The sum of interior angles of a triangle is equal to:
 - a. 180 degrees
 - b. 360 degrees
 - c. 540 degrees
 - d. 720 degrees
4. The sum of interior angles of a polygon, if n is the number of sides, is:
 - a. $n \times 180^\circ$
 - b. $(n-2) \times 180^\circ$
 - c. $(n-3) \times 180^\circ$
 - d. None of these
5. Each interior angle of regular hexagon equals:
 - a. 60°
 - b. 120°
 - c. 90°
 - d. 180°
6. Each exterior angle of a regular pentagon is equal to:
 - a. 72°
 - b. 92°
 - c. 102°
 - d. 112°
7. If the measure of each interior angle of a regular polygon is 140° , then the number of sides of the polygon is:
 - a. 8
 - b. 9
 - c. 10
 - d. 11

8. If we are given two diagonals, then we can construct:
 - a. Rhombus
 - b. Square
 - c. Kite
 - d. Parallelogram

9. How many unique measurements are required to construct a quadrilateral?
 - a. Four
 - b. Five
 - c. Six
 - d. Seven

10. How many sides does an octagon have?
 - a. 10
 - b. 9
 - c. 8
 - d. 7

*****Answer Key*****

1. c
2. b
3. a
4. b
5. b
6. a
7. b
8. a
9. b
10. c