

8th Quadrilateral and Parallelogram Multiple Questions

MULTIPLE CHOICE QUESTIONS CLASS VIII Chapter: TOPIC: GEOMETRY

1. A simple closed curve made up of only _____ is called a polygon .

- (a) curves (b) line segments (c) lines (d) closed curves

2. A polygon with minimum number of sides is

- (a) Pentagon (b) Square (c) triangle (d) angle

3. Polygons that have no portions of their diagonals in their exteriors are called

- (a) Squares (b) triangles (c) convex (d) concave

4. Polygons that have any portions of their diagonals in their exteriors are called

- (a) Squares (b) triangles (c) convex (d) concave

5. All the sides of a regular polygon are _____.

- (a) Parallel (b) equal in length (c) not parallel (d) not equal

6. All the angles of a regular polygon are of _____.

- (a) 90° (b) 60° (c) equal measure (d) equal length

7. Sum of all interior angles of a polygon with (n) sides is given by

- (a) $(n - 2) \times 180^\circ$ (b) $n - 2 \times 180^\circ$ (c) $(n + 2) \times 180^\circ$ (d) $n + 2 \times 180^\circ$

8. Maximum number of right angles in a right angled triangle are

- (a) 2 (b) 1 (c) 3 (d) 0

9. Sum of all interior angles of a parallelogram is

- (a) 180° (b) 360° (c) 540° (d) 240°

10. The angle sum of all interior angles of a convex polygon of sides 7 is

- (a) 180° (b) 540° (c) 630° (d) 900°

11. Each exterior angle of a regular hexagon is of measure

- (a) 120° (b) 80° (c) 100° (d) 60°

12. The number of sides in a regular polygon is 15, then measure of each exterior angle is

- (a) 24° (b) 36° (c) 20° (d) 18°

13. The measure of each interior angle of a regular polygon is 140° , then number of sides that regular polygon has _____

- (a) 15 (b) 12 (c) 9 (d) 10

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14. A parallelogram each of whose angles measures 90° is _____.

(a)rectangle (b)rhombus (c)kite (d)trapezium

15. A parallelogram whose all sides are equal is called

(a)square (b)rhombus (c)rectangle (d) trapezium