Class 8 Maths Chapter 3 Understanding Quadrilaterals MCQs

Choose the correct answer.

1. A triangle has:
    a. Two sides
    b. Three sides
    c. Four sides
    d. None of the above

2. The number of vertices a quadrilateral has:
    a. 2
    b. 3
    c. 4
    d. None of the above

3. How many diagonals does a pentagon have?
    a. 5
    b. 6
    c. 7
    d. 8

4. The opposite sides of a parallelogram are:
    a. equal
    b. parallel
    c. equal and parallel
    d. none of these

5. If a right-angled triangle has one angle equal to 30 degrees. Find the third angle.
    a. 90 degrees
    b. 30 degrees
    c. 180 degrees
    d. 60 degrees

6. In a parallelogram, one angle measures equal to 70 degrees. Find the measure of the adjacent angle.
    a. 70 degrees
    b. 110 degrees
    c. 180 degrees
    d. 360 degrees

7. Diagonals of parallelograms are equal in length.
    a. True
    b. False

8. The diagonals of the rhombus are perpendicular to each other.
    a. True
    b. False

9. The sum of all the angles of a four-sided convex polygon is equal to:
   a. 180 degrees
   b. 90 degrees
   c. 240 degrees
   d. 360 degrees

10. How many diagonals does a regular hexagon have?
   a. 6
   b. 7
   c. 8
   d. 9

*************************************Answer Key*************************************
1. b
2. c
3. a
4. c
5. d
6. b
7. b
8. a
9. d
10. d