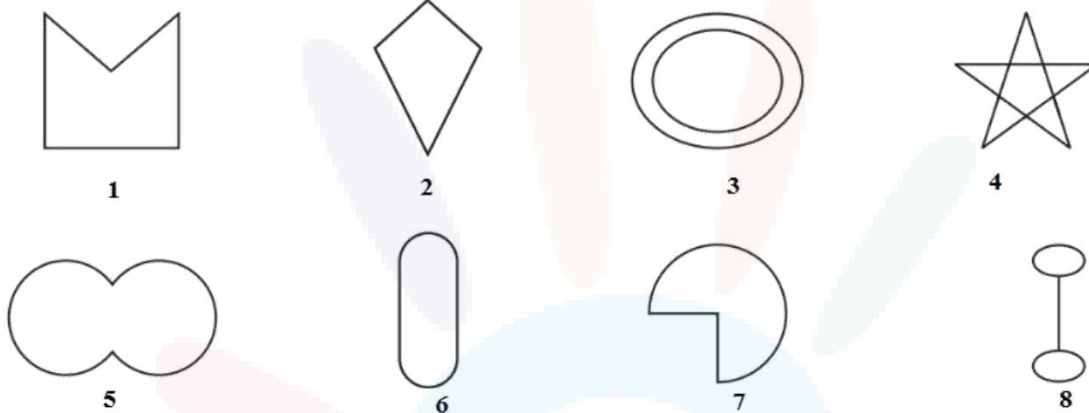


CLASS VIII: Maths

Chapter 3: Understanding Quadrilaterals

Questions and Solutions | Exercise 3.1 - NCERT Books

Question 1. Given here are some figures:



Classify each of them on the basis of the following.

- (a) Simple curve (b) Simple closed curve (c) Polygon
- (d) Convex polygon (e) Concave polygon

Solution:

- a) Simple curve = 1, 2, 5, 6, 7
- b) Simple closed curve = 1, 2, 5, 6, 7
- c) Polygon = 1, 2
- d) Convex polygon = 2
- e) Concave polygon = 1

Question 2. What is a regular polygon? State the name of a regular polygon of : (i) 3 sides (ii) 4 sides (iii) 6 sides

Solution:

Regular Polygon is a polygon with equal sides and equal angles.

- (i) 3 sides : Equilateral triangle
- (ii) 4 sides : Square
- (iii) 6 sides : Regular Hexagon

