Exercise 19

Q1

Answer :

(c) length, breadth and height

A cuboid is a 3-dimensional figure.

Q2

Answer :

(b) cube

Q3

Answer :

(d) cylinder

Q4

Answer :

(c) sphere

Q5

Answer :

(b) cuboid

Q6

Answer:

(d) None of these

Its a cone.

Q7

Answer:

(i) An object that occupies space is called a solid.
(ii) A cuboid has 6 rectangular faces, 12 edges and 8 vertices.
(iii) The opposite faces of a cuboid are identical.
(iv) A sphere has no vertex and no edge.
(v) All the faces of a cube are identical.
(vi) A square pyramid has 4 lateral triangular faces and 8 edges.
(vii) A triangular pyramid has 3 triangular lateral faces and 6 edges.
(viii) A triangular prism has 6 vertices, 3 rectangular lateral faces, 2 triangular bases and 9 edges.

Q8

Answer:

(a) An ice cream cone, a conical tent, a clown's cap and a conical vessel are in the shape of a cone.

(b) A wooden box, a match box, a brick and an almirah are in the shape of a cuboid.

(c) A measuring jar, a gas cylinder, a test tube and a circular pillar are in the shape of a cylinder.

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