

Ch2-Toy Joy + Ch5-Fun with Shapes

Worksheet

1) I have no corner. Who am I?

(a) Square

(b) Circle

2) All sides of a _____ are equal.

(a) Rectangle

(b) Square

3) An example of a curved line.

(a) Scale

(b) Smile

4) A rectangle has _____ opposite sides.

(a) 4

(b) 2

5) Give an example of - (a) Circle
(b) Triangle

6) Draw the following 2D shapes :

(a) Square

(b) Triangle

(c) Circle

(d) Rectangle

2-D Shape

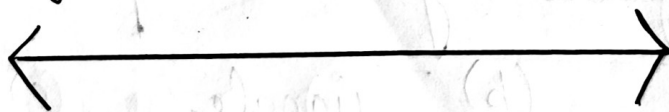
3-D

2-D shape - It is a plane shape that has only 2 dimensions - length and breadth.

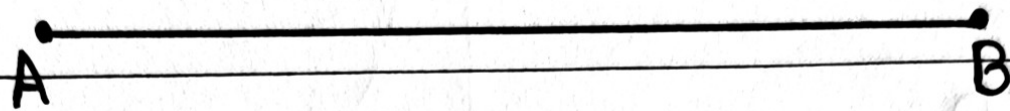
3-D shape - Shape with 3 dimensions - length, breadth and height.

⇒ Point - It shows a definite position and it has no length and breadth.
Eg - It shows a particular location on map.

2) Straight line - A line that extends to both sides and has no end points.
Eg - Railway tracks.



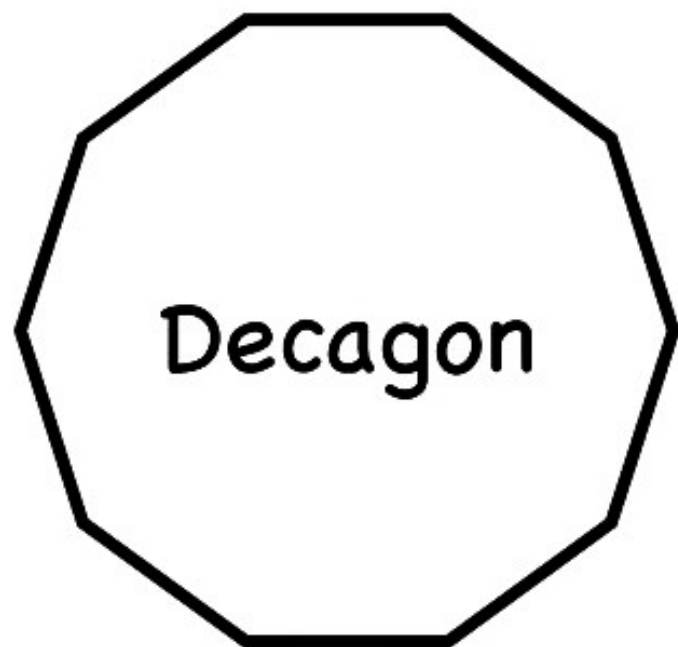
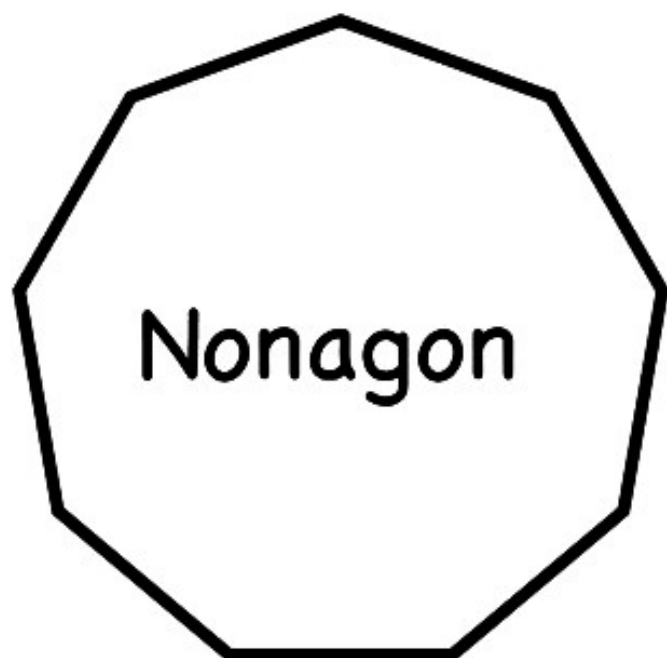
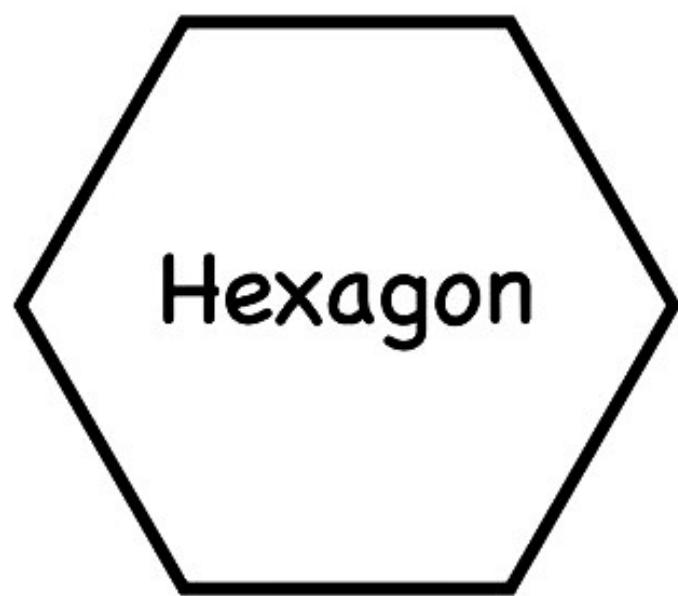
- 3) Line Segment - A part of a straight line with a fixed length. It has a start and end point.
Eg - Scale, Pencil.



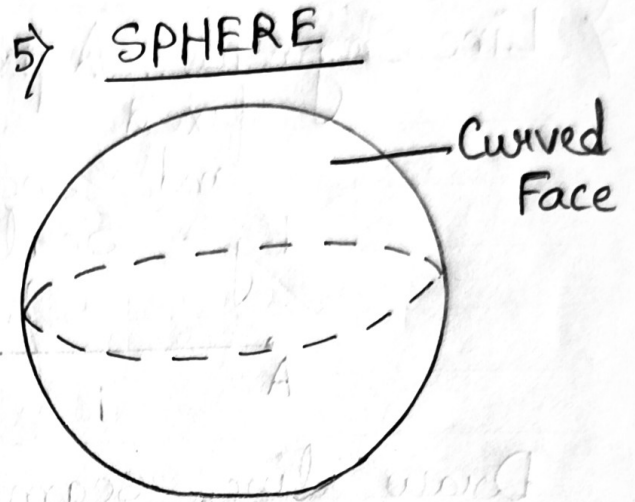
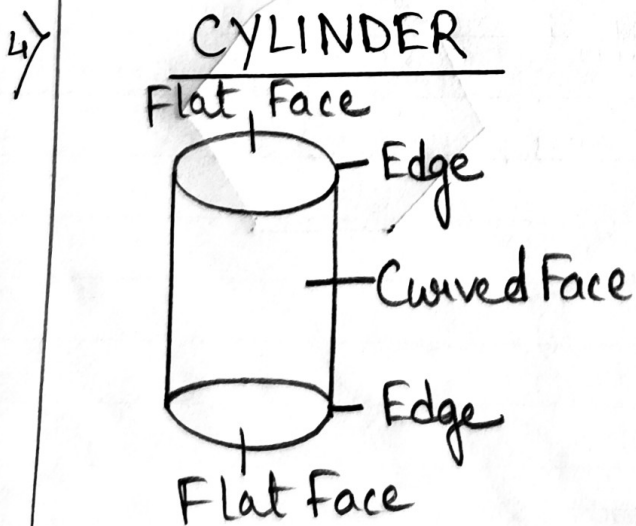
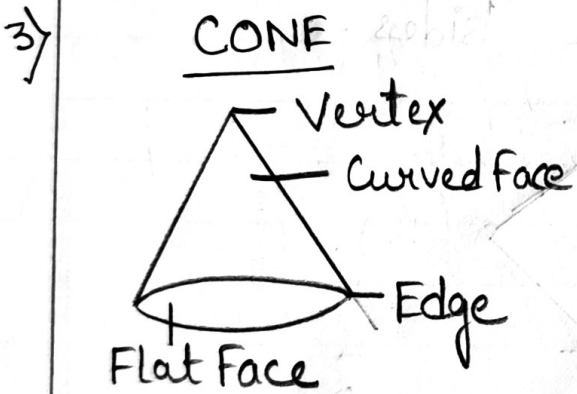
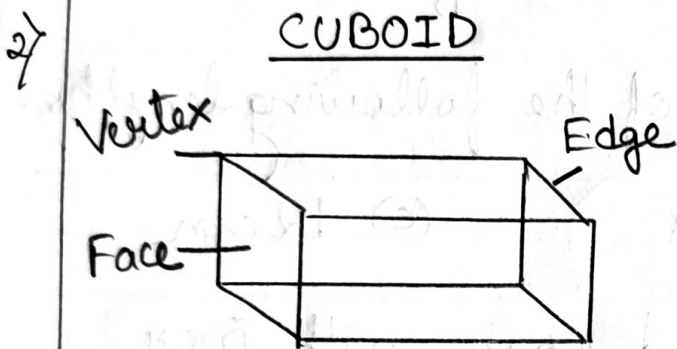
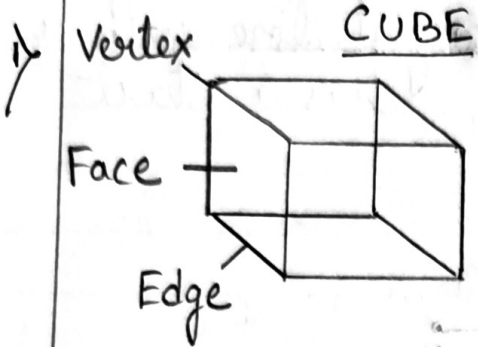
Draw line segments of the following lengths:

- a) 5cm (b) 8cm (c) 12cm

- 4) Polygon - It is a closed shape with 3 or more straight sides.



3D Shape



	Shapes	Faces	Edges	Vertices	Examples
1)	Cube	6 Every face is a square.	12	8	Dice Ice cube
2)	Cuboid	6 Every face is a rectangle.	12	8	Match box Brick
3)	Cone	2 (1 Flat + 1 Curved)	1	1	Birthday cap Ice-cream cone
4)	Cylinder	3 (2 Flat + 1 curved)	2	0	Pipes Gas Cylinder
5)	Sphere	1 Curved Face	0	0	Sun Orange

WS-1

- 1) Polygon is a closed figure with _____ or more straight sides.
(a) 2 (b) 3
- 2) _____ show location on google map.
(a) Point (b) Line
- 3) Octagon has _____ sides.
(a) 9 (b) 8
- 4) Every face of a cube is a _____.
(a) Rectangle (b) Square
- 5) I am a 3D shape. I have 3 faces and 2 edges and no vertex. Who am I?
(a) Cylinder (b) Cone
- 6) Draw a 3D shape with 1 curved face, 0 edge and 0 vertex. Write 2 example of this shape.

WS-2

- 1) Draw a line segment of length 9 cm.
- 2) Draw a polygon that has 6 sides and write its name.
- 3) I am a line that extends in both directions and has no endpoints. Who am I?
- 4) Write an example of a Line Segment.
- 5) I am a 3D shape. I have 2 faces, 1 edge and 1 vertex. Who am I?
Write one example of this shape.