

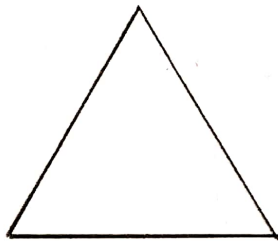
Chapter: 4 - Shapes and Patterns

I Fill in the blanks.

1. A triangle has 3 sides.
2. A square has 4 sides.
3. Opposite sides of a rectangle are equal.
4. A circle has no corners and no sides.

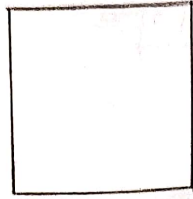
II Plane Shapes.

1. Triangle.



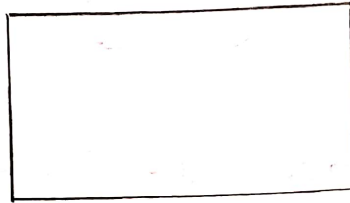
- * A triangle has 3 sides and 3 corners.

2. Square



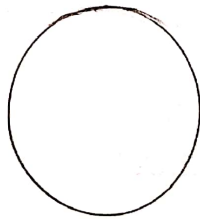
- * A square has 4 sides and 4 corners.
- * All the sides of a square are equal.

3. Rectangle



- * A rectangle has 4 sides and 4 corners.
- * The opposite sides of a rectangle are equal.

4. Circle



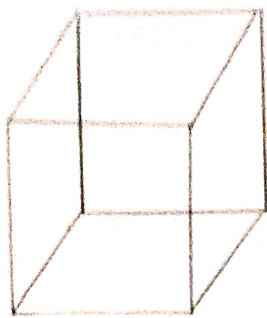
- * A circle is round in shape.
- * It has no corners and no sides.

iii

Solid shapes.

1.

cube

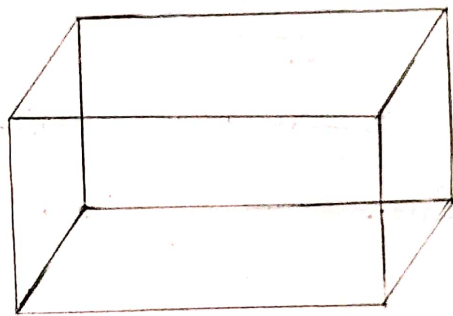


* It has 6 flat faces.

examples: dice, ice cube.

2.

cuboid

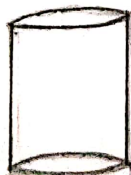


* It has 6 flat faces.

examples: pencil box, book.

3.

Cylinder

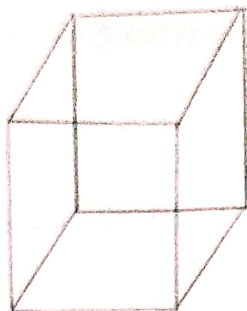


* It has 2 flat faces and 1 curved face.

examples: water bottle, pencil.

Solid shapes.

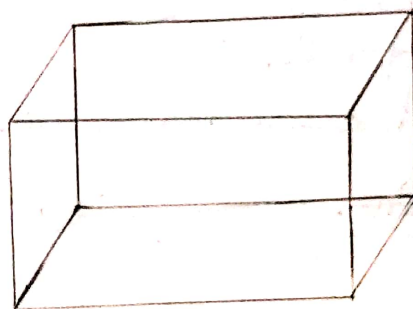
1. Cube



* It has 6 flat faces.

examples: dice, ice cube.

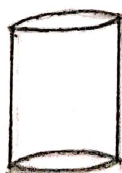
2. Cuboid



* It has 6 flat faces.

examples: pencil box, book.

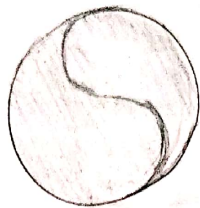
3. Cylinder



* It has 2 flat faces and 1 curved face.

examples: Water bottle, pencil.

4. Sphere

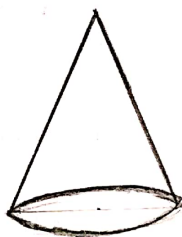


* It has one curved face.

* It does not have flat face.

examples: ball, tomato

5. Cone

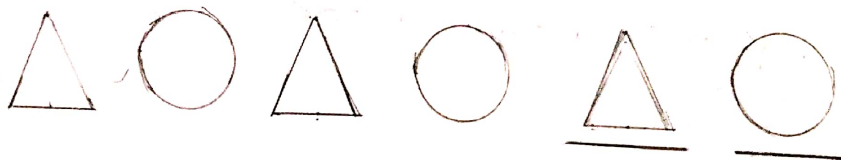


* It has one flat face and one curved face.

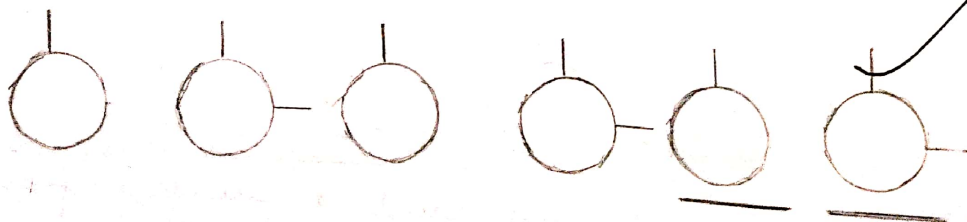
examples: ice cream cone, birthday party hat.

IV Complete the patterns.

1.



2.



3.

1 2 3 1 2 3

Mind map

Shapes

Plane shapes

- * Triangle
- * Square
- * Rectangle
- * Circle

Solid shapes

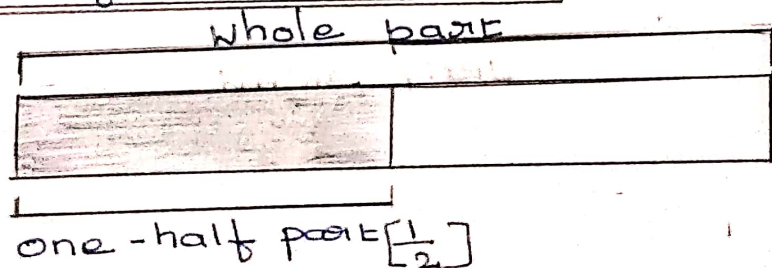
- * Cube
- * Cuboid
- * Cylinder
- * Sphere
- * Cone

Chapter: 5 - FractionsI Fill in the blanks.

1. A whole refers to one full thing or a collection of things.
2. A fraction is a part of a whole.
3. 2 halves of the same object make a whole.

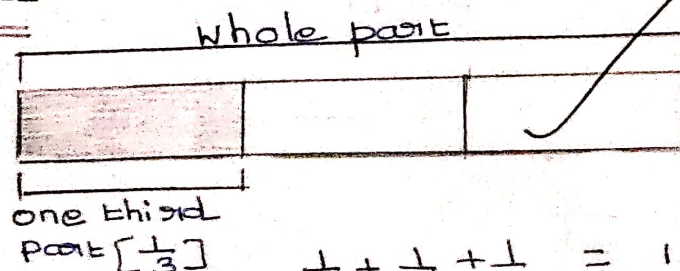
II Forms of fractions.

1. One half or half



$$\frac{1}{2} + \frac{1}{2} = 1$$

2. One third



$$\frac{1}{3} + \frac{1}{3} + \frac{1}{3} = 1$$

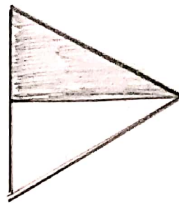
3. One fourth



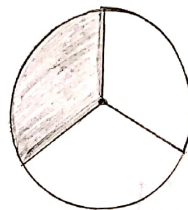
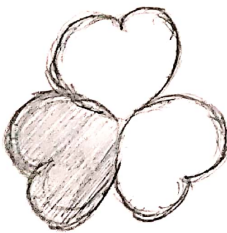
one fourth
part $\left[\frac{1}{4}\right]$

$$\frac{1}{4} + \frac{1}{4} + \frac{1}{4} + \frac{1}{4} = 1$$

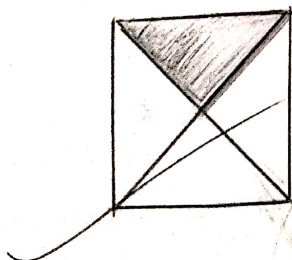
III. colour $\frac{1}{2}$ of each shape



IV. colour $\frac{1}{3}$ of each shape

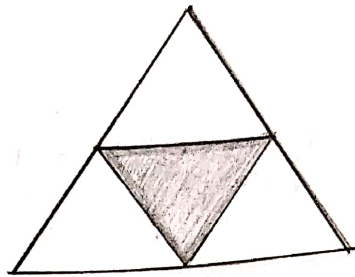


V. colour $\frac{1}{4}$ of each shape

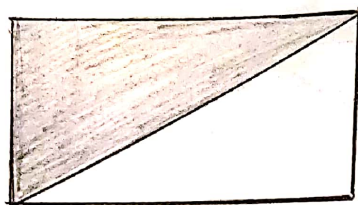


VI

Write the fraction for the shaded part in each of the following.



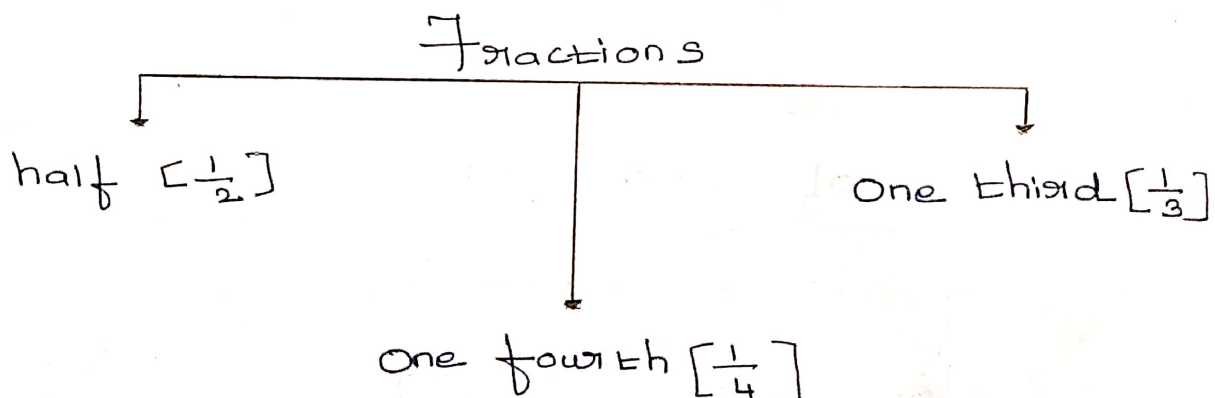
- $\frac{1}{4}$



- $\frac{1}{2}$

VII

Mind map



18/11/25