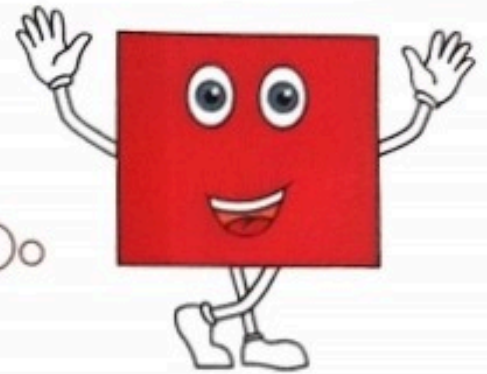
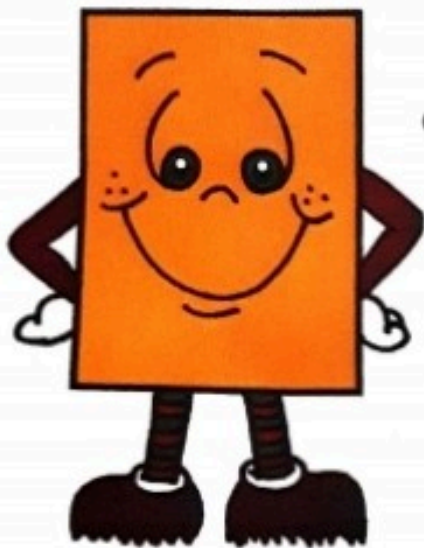


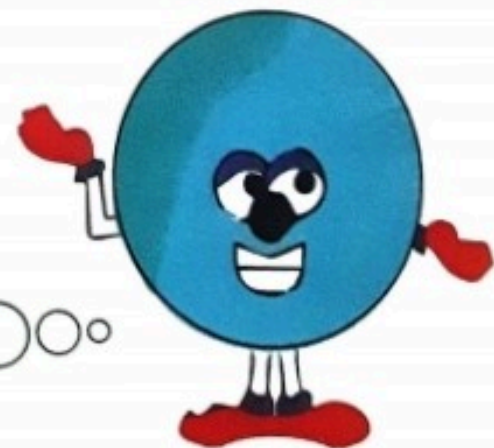
I am a triangle.
I have three
sides.



I am a square.
I have four
sides. All my
sides are equal.



I am a rectangle.
I have four
sides, two long
and two short.



I am a circle.
I am round
in shape. I have
no sides.

Circle



Clock



Moon



Orange slice

Triangle



Napkin

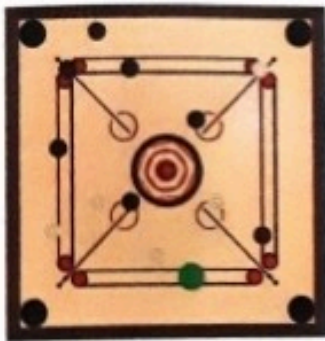


Pizza slice

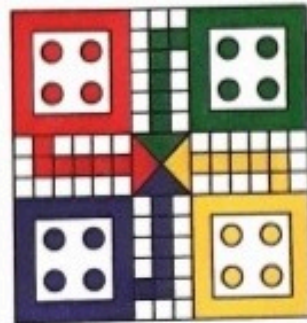


Watermelon slice

Square



Carrom board



Ludo board



Chess

Rectangle



Chocolate



Mirror



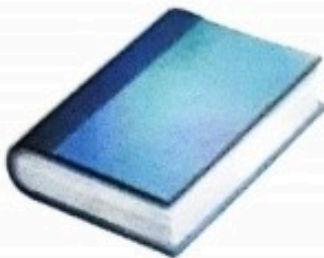
Biscuit

Solid Shapes

Anything that has a shape and takes up space is called a **solid**. A solid has length, breadth and height.



A dice-shaped object is called a cube. It has all sides equal. It has six equal faces.



A book is called a cuboid. It has its opposite sides equal. It also has six faces.



A candle is cylindrical in shape. It has three faces.



An object having both circular and triangular shapes is called a cone. It has two faces.

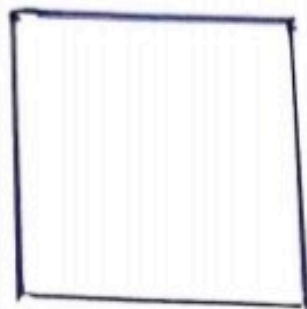


A ball-like shape is called a sphere. It has only one face. It has no edges or corners.



Chapter 12
Geometry

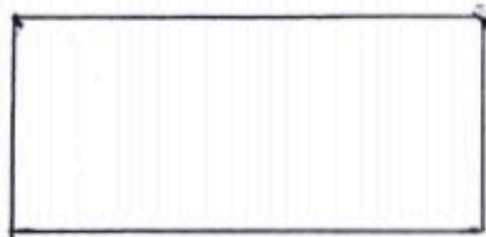
Draw the different shapes
and name them:



SQUARE



TRIANGLE



RECTANGLE



CIRCLE

In daily life, we require information about different things.

The information we collect about things is called **data**.

Data handling helps us to understand all the information we get.

1. The following picture shows different kinds of vehicles. We can write the number of each kind of vehicle in the circle as shown below.

(a) There are (3) bicycles.

(b) There are (3) cars.

(c) There is (1) scooter.

(d) There is (1) bus.

(e) There are (8) vehicles in all.



Exercise

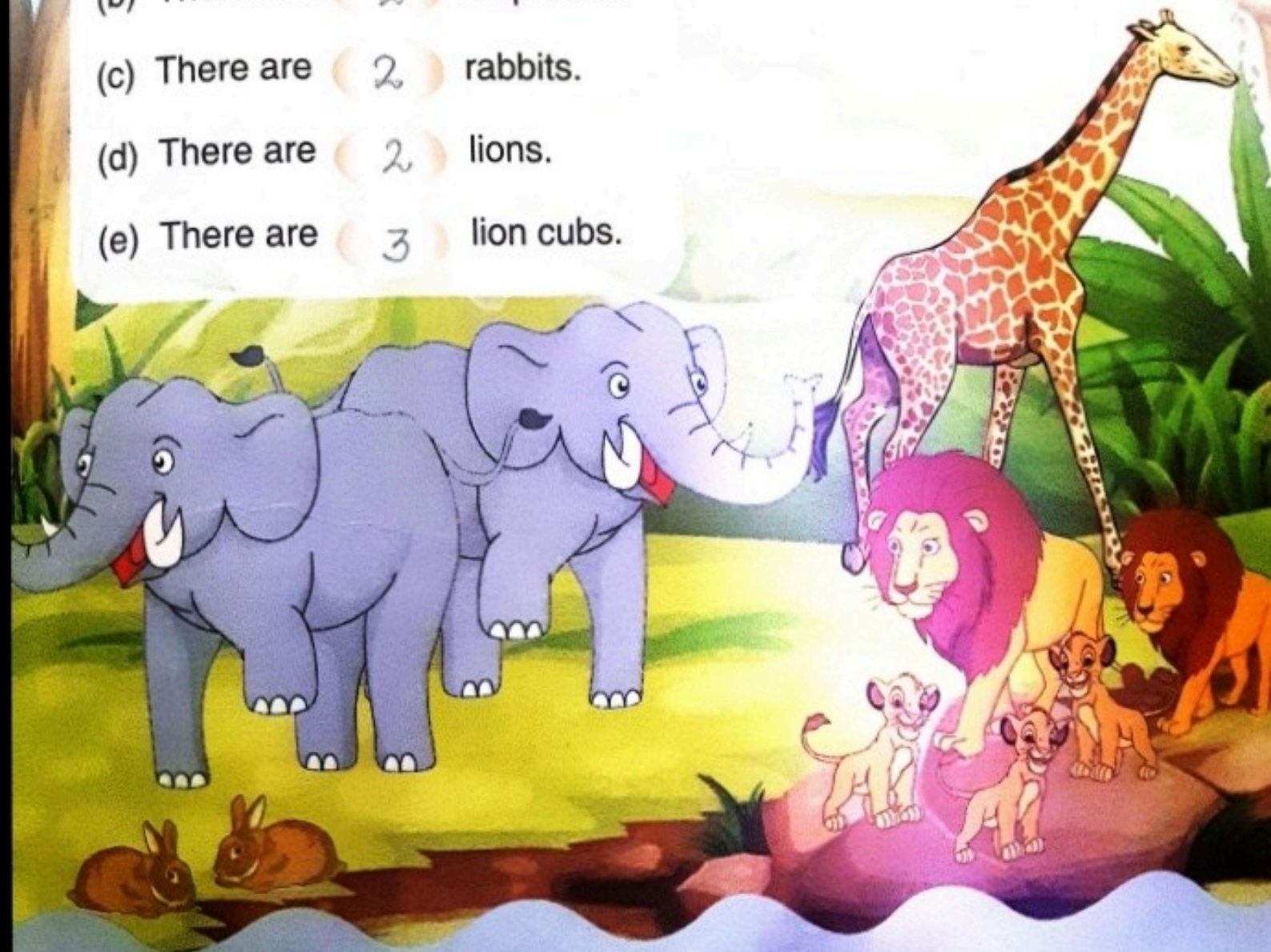
1. See the picture carefully and fill the circles.



- (a) There are (5) apples.
(b) There are (2) oranges.
(c) There are (3) bananas.
(d) There is (1) mango.

2. The following picture shows different kinds of animals. Write the number of each kind of animal in the circles.

- (a) There is (1) giraffe.
(b) There are (2) elephants.
(c) There are (2) rabbits.
(d) There are (2) lions.
(e) There are (3) lion cubs.



We often see patterns in the clothes that we wear. We can make beautiful patterns by the repeated use of shapes, numbers or alphabets.

1. We form patterns using shapes of different colours.



The next colour will be



2. We form patterns using different shapes.



The next shape will be



3. We form patterns using shapes of different sizes.



The next shape will be



4. We form patterns using different numbers.

4, 9, 4, 9, 4, 9, ?

The next number will be

4

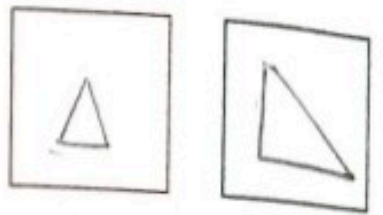
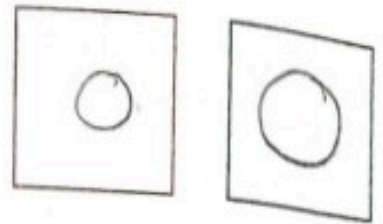
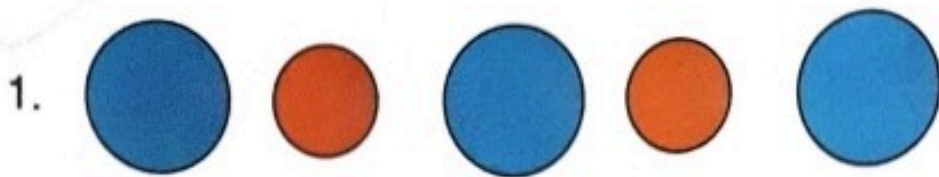
5. We form patterns using different alphabets.

AB, CD, AB, CD, ?

The next shape will be AB

Exercise

(a) What are the next two units of the following patterns ?



3. 5, 7, 5, 7, 5

