Draw an appropriate graph to represent the given information.

1.

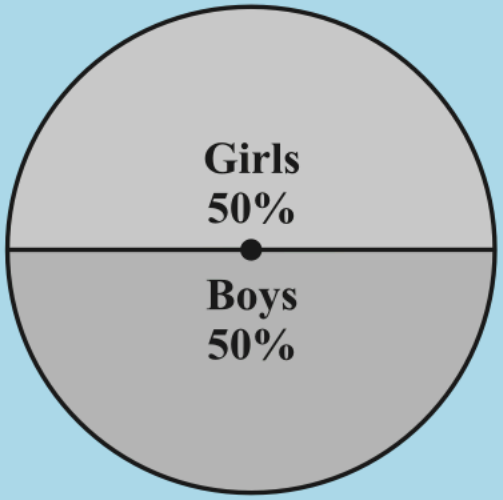
Month	July	August	September	October	November	December
Number of watches sold	1000	1500	1500	2000	2500	1500

2.

Children who prefer	School A	School B	School C
Walking	40	55	15
Cycling	45	25	35

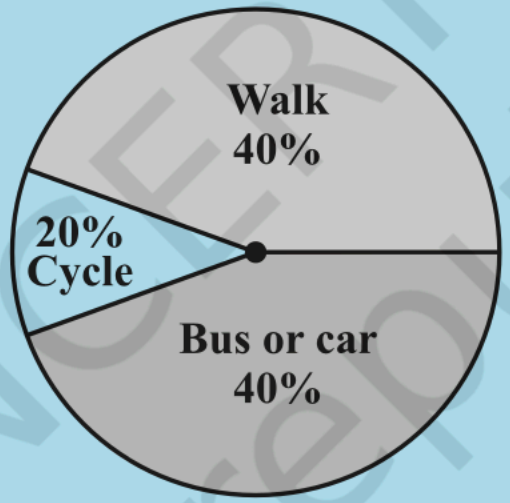
1. Each of the following pie charts (Fig 4.2) gives you a different piece of information about your class. Find the fraction of the circle representing each of these information.

(i)



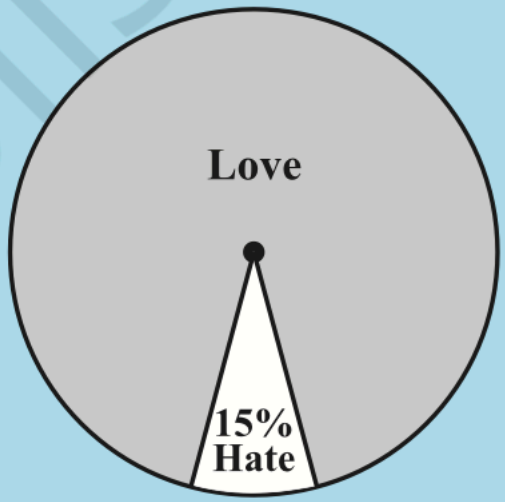
Girls or Boys

(ii)



Transport to school

(iii)



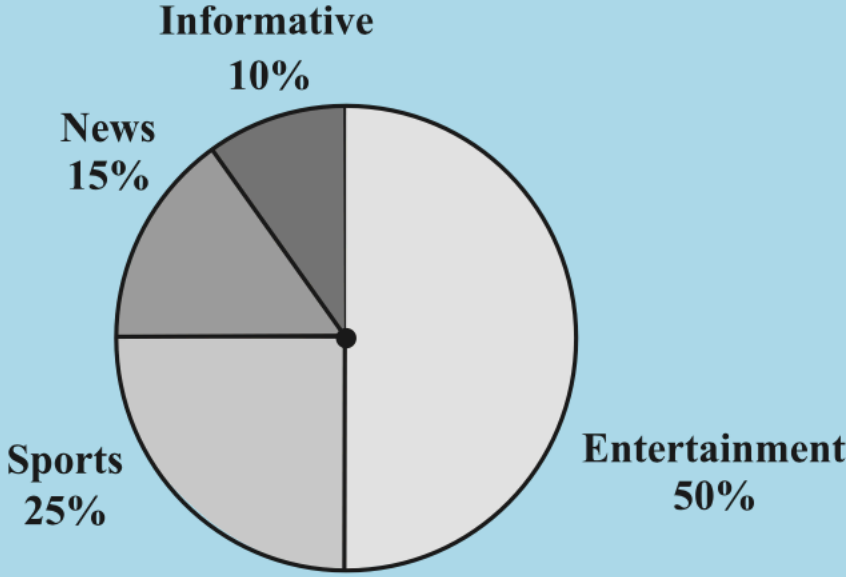
Love/Hate Mathematics

Fig 4.2

2. Answer the following questions based on the pie chart given (Fig 4.3).

   (i) Which type of programmes are viewed the most?

   (ii) Which two types of programmes have number of viewers equal to those watching sports channels?



Viewers watching different types of channels on T.V.

Fig 4.3

4.2.1 Drawing pie charts

The favourite flavours of ice-creams for students of a school is given in percentages as follows

Example 2: On a particular day, the sales (in rupees) of different items of a baker's shop are given below.

ordinary bread	:	320
fruit bread	:	80
cakes and pastries	:	160
biscuits	:	120
others	:	40
Total	**:**	**720**

Draw a pie chart for this data.

3. When you spin the wheel shown, what are the possible outcomes? (Fig 4.6) List them.

(Outcome here means the sector at which the pointer stops).

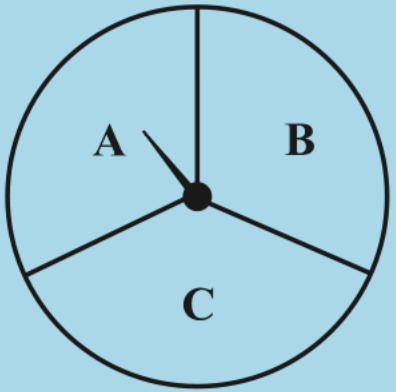


Fig 4.6

Fig 4.7

4. You have a bag with five identical balls of different colours and you are to pull out (draw) a ball without looking at it; list the outcomes you would get (Fig 4.7).

4. Numbers 1 to 10 are written on ten separate slips (one number on one slip), kept in a box and mixed well. One slip is chosen from the box without looking into it. What is the probability of .

(i) getting a number 6?

(ii) getting a number less than 6?

(iii) getting a number greater than 6?

(iv) getting a 1-digit number?