1) Write all the possible outcomes of ;

   a) Tossing a coin   (c) Tossing two coins

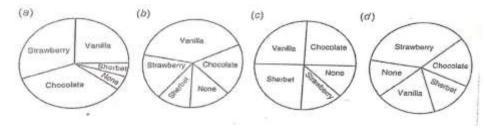   b) Throwing a die   (d) Drawing a card from a deck of 52 cards
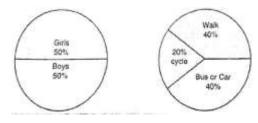
2) Out of 200people surveyed, the following data was gathered about favourite flavours of ice-cream.

Vanilla	50
Strawberry	60
Chocolate	70
Sherbet	10
Don't like ice-cream	10

   Without doing any calculation, find which graph best represents the data:

3) Each of the following pie charts gives a different piece of information. Find the fraction of the circle representing each of these information

4) Construct a frequency distribution table for the data on weights(kg.) of 20 students of a class, using

   intervals 30-40, 35-40 and so on

   a. 40, 38, 33, 48, 60, 53, 31, 46, 34, 36, 49, 41, 55, 49, 55, 42, 44, 47, 47, 38, 39.

   b. Do we need to have the class intervals 0-10, 10-20 and 20-30. Why?

5) Populations(in millions) of 50 towns and villages of a state , taken at random from a census report are:

   11, 72, 15, 8, 15, 3, 23, 26, 2, 119, 200 , 6, 16, 6, 111, 5,18,140,99,127,31, 72,

   18,30,43, 2,1,52,40,3,7,13,5,142,70,86,31,38,70,51,11,52,18,46,89,1,30,25,4,52

   Prepare a grouped frequency table for the above data, using class intervals 0-30, 30-60,60-90 and so on.
   Draw histogram for the same.

6) The following table shows the data of student council votes for the sports captain.

Varshini	Paarth	Jaden	Mirra	Total
1200	2400	2000	1600	6200

Represent the above data in a pie chart.

7) A survey of 400 families of a town was conducted to find out how many children are there in a family. The result of the survey is given below:

No. of children	0	1	2	3	4
No. of families	56	62	183	73	26

    a. Find the probability that a family chosen at random will have
    b. 4 children
    c. 1 or 2 children

8) Percentage of different products of a village in a particular district are given below draw pie chart representing the data;

Items	Wheat	Pulses	Jowar	Rice	Vegetable
%	$\dfrac{125}{3}$	$\dfrac{125}{6}$	$\dfrac{25}{2}$	$\dfrac{50}{3}$	$\dfrac{25}{3}$

9) In a hypothetical sample of 20 people the amount of money with them were found as follows

    114, 108 ,100 ,98,101,109,117,119,126,131,136,143,156,169,182,195,207,219,235,118
Choose suitable class interval and draw histogram.

10] The following data shows the expenditure of a person on different items during a month.

ITEM OF EXPENDITURE	AMOUNT (IN RS.)
Rent	2,700
Education	1,800
Food	2,400
Clothing	1,500
Others	2,400

Represent the above data in a pie chart

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