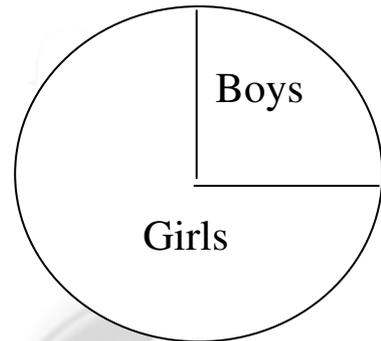


1- 1200 boys and girls participated athletics in a club, Solve these  
Problem about number of boys and girls by circle graph .

(a) How many boys are participated  
In this test ?

(b) How many girls are participated  
In this test?



2- the following table :

Show the number of pupil's which practice the sports

\* Represent these data by pie-chart

Set	Football	Volleyball	Basketball
No	100	50	50

3- The following table shows the profits of a certain shop with in 4 months

1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	4 <sup>th</sup>
L.E 500	L.E 750	L.E 250	L.E 500

4- A class of 30 pupils had a 10 – question task. The results were

6	7	6	5.5	7	5	10	8	6
8	7	6.5	10	6	7	10	8	8.5
8	9.5	9	7	7.5	7.5	5	9	8

(a) Arrange these scores in a frequency table using the sets

5 - , 6 - , ..... , 10 -

(b) Draw a histogram and a frequency polygon

5- The ages of the employees in a company rounded to nearest year, are

17	17	35	32	25	30	19	42	20	62
19	38	39	41	24	18	20	38	21	54
33	27	20	30	59	21	35	40	56	48

(a) Using a class interval of 10, beginning 15 - , 25 - , ..... Construct Frequency table.

(b) Draw a histogram for the ages listed above.

6- The following table gives the frequency distribution of the marks for 40 pupils in mathematics examination .

Sets	10 -	20 -	30 -	40 -	50 -
Frequency	5	7	10	9	7

\* draw the histogram and the frequency polygon in the same figure.

4- The following data represents the maximum temperature in 40

Countries in one day :

Sets	20 -	22 -	24 -	26 -	28 -
Frequency	8	12		7	4

(a) Complete the table .

(b) How many countries which its temperature less than 24 .

(c) Draw the histogram and frequency polygon in the same figure .

(A) Draw the image of the triangle ABC

By reflection in the straight line L

(B) The area of a square is 50cm.

Find the length of its diagonal.

\* Using the opposite grid , complete :

(a) A ( ..... , ..... ) ,      B ( ..... , ..... )

      C ( ..... , ..... ) ,      D ( ..... , ..... )

(b) If L is a symmetrical line of the figure ABCD , then find the image of the figure by using the suitable points .

(a) The image of A by reflection in L is .....

(b) The image of B by a reflection in L is ...(..)

(c) The image of D by reflection in L is .... (..)

(d) The image of C by reflection in L is ... (..)

(e) The figure ABCD ... and its Area = ... Square unit

