

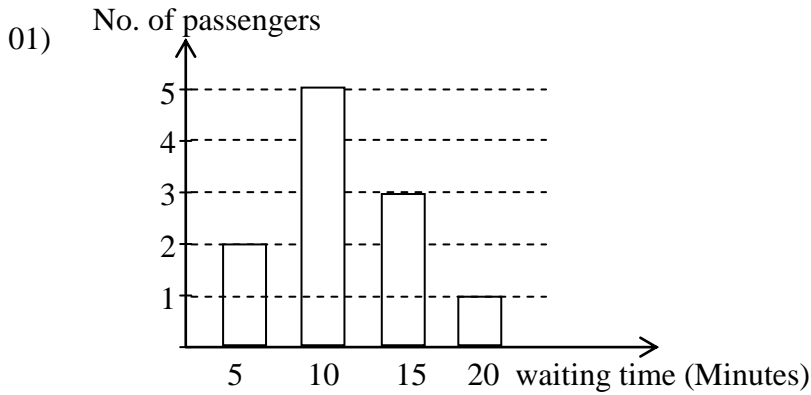


Grade 10

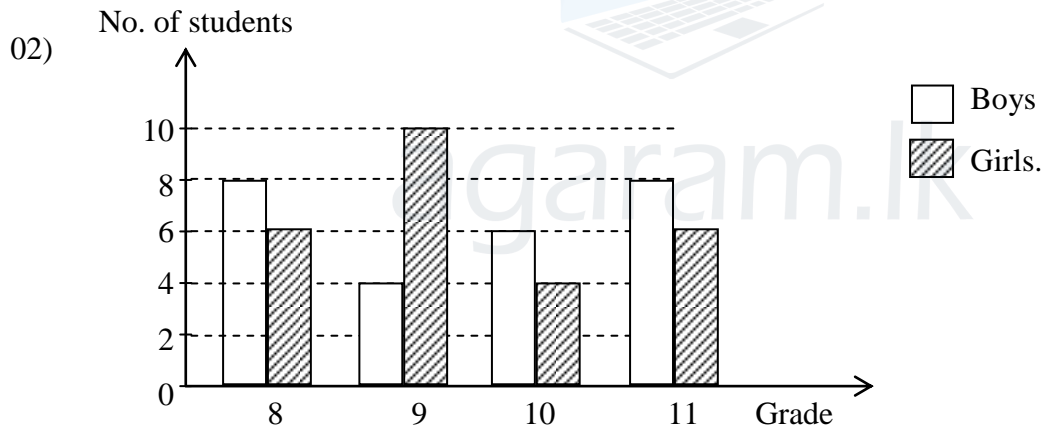
Mathematics

Unit : 11

11 - Data representation

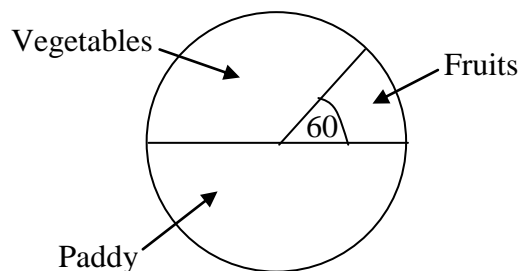


Calculate the total number of passengers at bus stop.



- i) What type of graph is this ?
- ii) Which grade shows the highest attendance. ?
- iii) Number of girls in grade 9 ?
- iv) Which grade has the highest number of boys.

03) If total number of farmers in a village is 3600, Find the number of farmers who cultivate vegetables ?



04) According to the information given in the table.

- 1) Find total number of students
- 2) Angle of the sector representing dogs.
- 3) Angle of the sector representing birds.
- 4) Angle of the sector representing fishes.

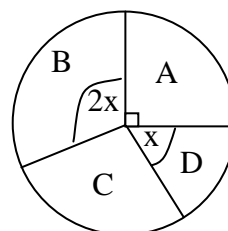
Animals	Students
Dogs	22
Birds	06
Fishes	12
Cats	20

05) If the angle at the center of the sector representing c is 60 , Find the angle represent A, B and D.

Party	No; of votes
A	18,000
B	9,000
C	6,000
D	3,000

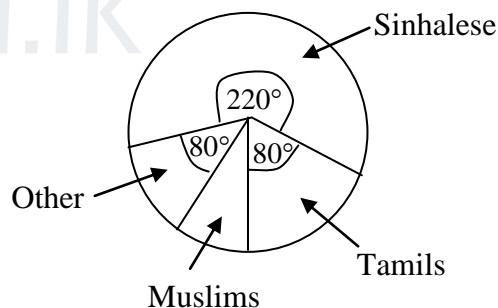
06) A, B, C, D are the quantity of inks used with in a week by a printing shop. Total quantity of ink is 720 l.

- i) Find the quantity of ink A ?
- ii) If quantity of ink C is 216 l Find the angle at the center of the sector representing it.
- iii) Express quantity of ink D as a percentage of total



07) Population of a certain city is 72,000. Following pie chart shows the population according to the races.

- i) Find the population of Sinhalese, Muslims, Tamils and other.
- ii) Find the difference between Tamils and Muslims.



08) If a person spent 20 % of his monthly income as house rent, 60 % for food, 10 % for education and the rest was deposited in a bank. Show above information in a pie chart.

09) Following pie chart shows how a man spent his monthly salary. If he spent Rs. 7000/= For food, Find the amount he spent for transportation.

