



Provincial Department Of Education – Sabaragamuwa
WEEKLY SCHOOL

Subject : Mathematics

Grade 7

Week : 09th of 3rd Term

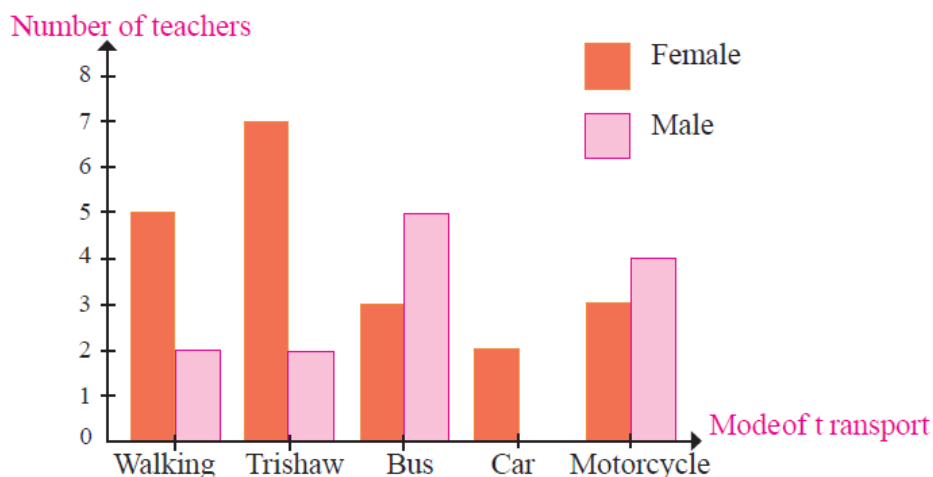
Unit 26 – Data Representation and Interpretation (2)

➤ Multiple Column Graphs

- The following table provides information on how the teachers of a certain Maha Vidyalaya in a rural area travel to school. The teachers have been separated into five categories, and each category has been further divided into two subcategories named Male and Female.

Mode of Transport	Teacher	
	Female	Male
Walking	5	2
Trishaw	7	2
Bus	3	5
Car	2	0
Motorcycle	3	4

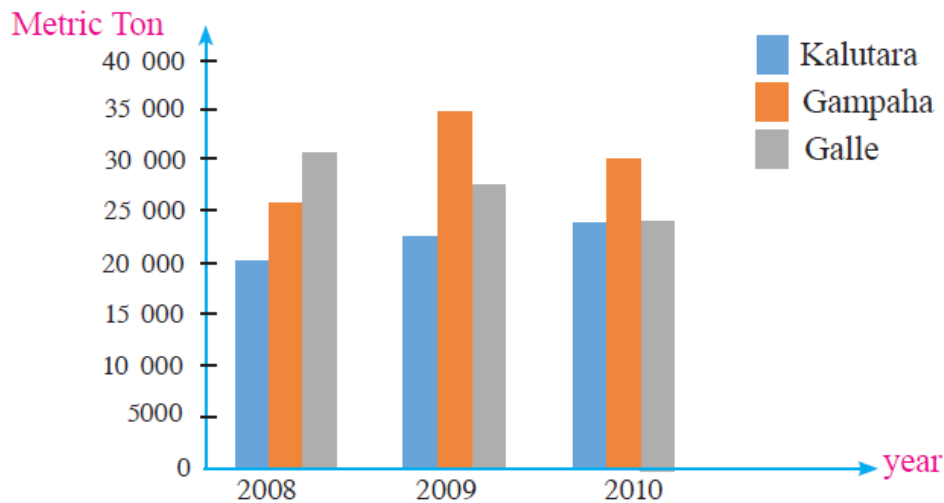
Information on how all the teachers travel to school is represented in the following multiple column graph.



- In this graph too the columns are of equal width. The columns corresponding to the subcategories of each category have been drawn such that they border each other. Such graphs are called **multiple column graphs**.

➤ **Interpretation of Data**

- The following graph provides information on the paddy production during the Yala season in the districts of Gampaha, Kalutara and Galle.



- Let us carefully observe the above graph.
 - It is a multiple column graph.
 - During the Yala season, in the Gampaha district, the paddy production was highest in the year 2009 and lowest in the year 2008.
 - The paddy production in the Kalutara district gradually increased during the period 2008 – 2010.
 - The paddy production in the Galle district gradually decreased during the period 2008 – 2010.
 - The paddy production in the year 2008 in all three districts was 75 000 metric tons.

Several conclusions that were drawn from the graph have been given above.

- Do all the exercises in exercise 26.1 in your text book.