



Grade 7

Mathematics

1 ½ hours

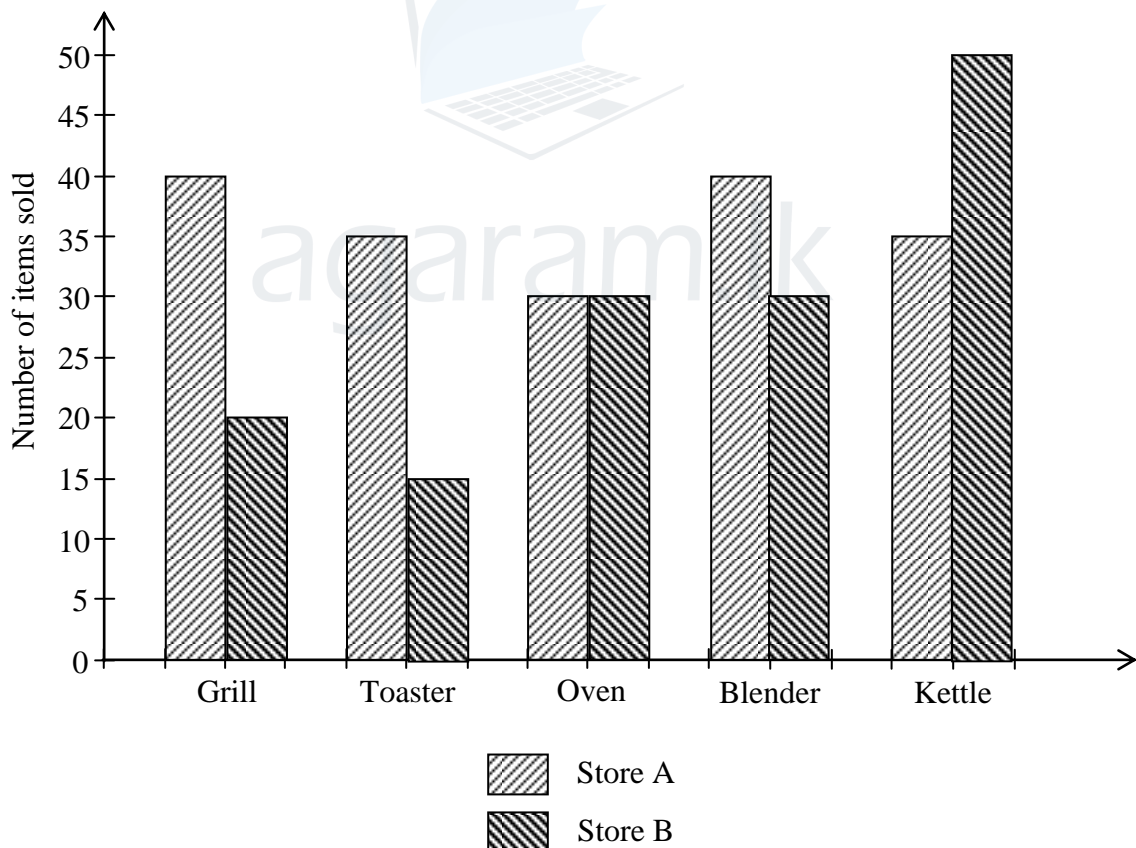
**26 – Data Representation and Interpretation.**

- (1) 200 students in grade 6 were asked to name their favourite colours so as to decide upon what should be the colour of their school houses. The results are shown in the following table.

Colour	Red	Green	Blue	Yellow	Orange
Number of students	43	19	55	49	34

- i) represent the given data on a bar graph.  
 ii) Which is the most preferred colour and which is the least.

- (2) Mr. Sarath owns two kitchen appliance stores. He compares the sales of two stores and recorded the information in a bar graph. Use the bar graph to answer the questions.



- i) Which item sold the most in store B?  
 ii) Which store sold the least number of toasters?  
 iii) The number of grills sold by store A is twice of store B. Is it correct?  
 iv) What is the difference on sales of blenders between store A and store B?  
 v) How many total appliances were sold by store A?

- (3) The performance of students in 1<sup>st</sup> term and 2<sup>nd</sup> term is as given below. Draw a double bar graph choosing appropriate scale and answer the following.

Subject	English	History	Maths	Science	Sinhala
1 <sup>st</sup> term	67	72	88	81	73
2 <sup>nd</sup> term	70	65	95	85	75

- i) In which subject, has the children improved their performance the most?  
ii) Has the performance gone down in any subject?



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