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Subject: - Mathematics	School Department of Education, Sabaragamuwa Province/ Weekly Schoo amuwa Province/ Weekly School Department of Educatio ekly School Department of Education Sabaragamuwa	Week: - 14 (1 <sup>st</sup> Term)
Grade: - 8	nent of Education, Sabaragan Cation, Sabaragamuwa Province/ Weekly Sc Province/ Weekly School Department of Embilipitiya School Department of Education, Sabaragan	onal Education Office

(Learning Time 2 Hours)

## Mass

## 9.1 Units used to measure mass

- Recall what you have learnt in Grade 6 and 7 about mass.
- In our day to day life milligram (mg), gram (g), and kilogram (kg) are units used to measure mass. = 1 g
  - 1000 mg

1000 g = 1 kg

- In order to measure a heavy mass like a lorry, the unit metric ton is used.
- One metric ton is equal to a thousand kilograms

1000 kg = 1 t

9.2 The relationship between kilogram and metric ton

- In order to express a mass given in metric ton in kilograms, the amount given in metric tons should be multiplied by 1000
  - Express 5 t in kilograms e.g.:

5 imes 1000= 5000 kg

In order to express a mass given in kilograms in metric tons, the amount given kilograms should be divided by 1000

e.g.: Express 8000 kg in metric tons

8000 ÷ 1000 = 8 t

By studying the examples in page no: 101 and 102 do the exercise 9.1

9.3 Addition of two masses expressed in metric tons and kilograms

- By studying the examples in page no: 103 and 104 do the exercise 9.2
- 9.4 Substitution of two masses expressed in metric tons and kilograms
  - By studying the examples in page no: 105 and 106 do the exercise 9.3