



Department of Education, Sabaragamuwa Province – Weekly School

Grade: 6

Subject: - Mathematics

Week : 20

Unit : – Mass

No. of Periods : – 05

- ❖ Read the lesson ‘Mass’ in your text book given in page 101. Answer the following question using that ,

- 1) What is mass?
- 2) What are the standard weights used to measure mass?
- 3) Write the balances used to measure mass?

The method weighing 890g using the standard weights is shown below.

$$890\text{g} = 500\text{g} + 200\text{g} + 100\text{g} + 50\text{g} + 20\text{g} + 20\text{g}$$

- ❖ Show the standard weights used to measure the following masses in the above method.

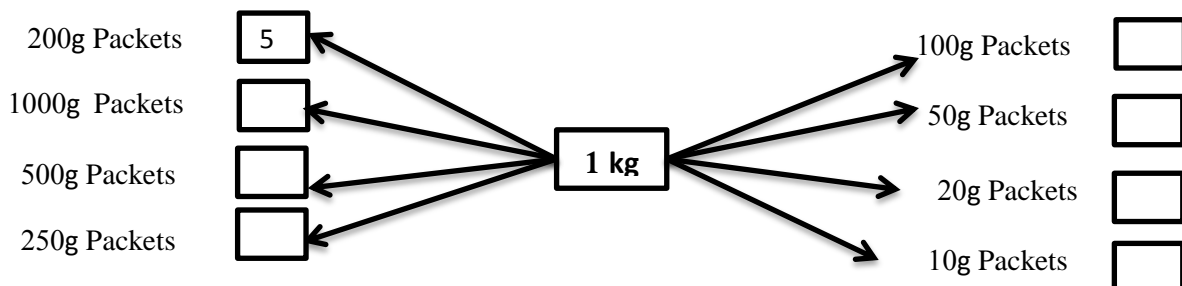
- 1) 250g
- 2) 730g
- 3) 9kg
- 4) 480 g
- 5) 2370g

- ❖ Observe the page number 103 in your text book.

Standard unit used to measure mass is **kg**

$$1 \text{ kg} = 1000 \text{ g}$$

- ❖ Fill in the blanks



- ❖ Complete the exercise 20.2 in your text book given in the page number 106

Express a mass given in grammes in terms of kilogrammes

Example :-

Express in 5000g kilogrammes Since 1000g = 1kg , 5000g = 5000 ÷ 1000 kg = 5 kg	Express 4530g in kilogrammes and grammes 4530g = 4000g + 530g Since 1000g = 1kg , 4530g = 4 kg 530g
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- ❖ Complete the exercise 20.3 in your text book given in the page number 108

Adding masses

kg	g
4	650
+ 3	550
8	200

$$650 + 550 = 1200\text{g} = 1 \text{ kg } 200\text{g}$$

- ❖ Complete the exercise 20.4 in your text book given in the page number 109 and 110

Subtracting masses

kg	g
7	200
- 1	750
5	450

$$\begin{array}{r} 7200 \text{ g} \\ - 1750 \text{ g} \\ \hline 5450 \text{ g} \end{array}$$

- ❖ Complete the exercise 20.5 in your text book given in the page number 111 and 112
- ❖ Complete the Miscellaneous exercises in your text book given in the page number 112 and 113