



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.

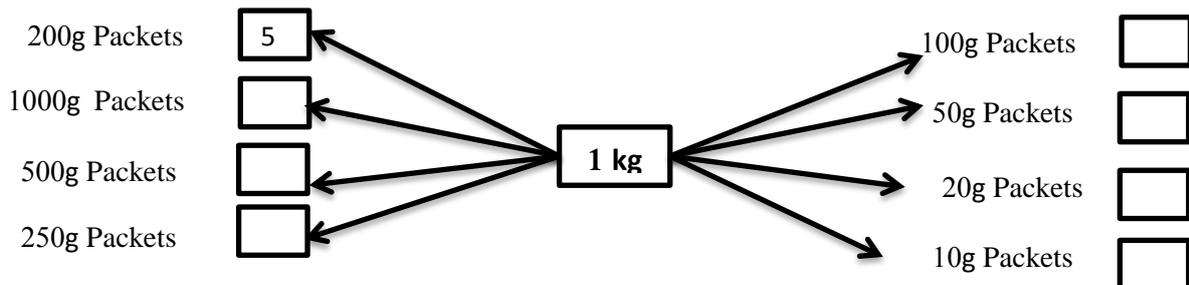
$$890\text{g} = 500\text{g} + 200\text{g} + 100\text{g} + 50\text{g} + 20\text{g} + 20\text{g}$$

- ❖ 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 $1000\text{g} = 1\text{kg}$, $5000\text{g} = 5000 \div 1000 \text{ kg}$ $= 5 \text{ kg}$	Express 4530g in kilogrammes and grammes $4530\text{g} = 4000\text{g} + 530\text{g}$ Since $1000\text{g} = 1\text{kg}$, $4530\text{g} = 4 \text{ kg } 530\text{g}$
--	---

- ❖ Complete the exercise 20.3 in your text book given in the page number 108

Adding masses

kg	g
4	650
+ 3	550
<hr/>	
8	200
<hr/> <hr/>	

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

- ❖ 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	
<hr/>		
5	450	
<hr/> <hr/>		

➔

7200 g
- 1750 g
<hr/>
5450 g

- ❖ 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