



Department of Education, Sabaragamuwa Province – Weekly School

Subject : - Mathematics

Week : 3

Grade : 6

Prepared by – Mr. Siraj - Recourse person (Maths)  
Mawanella Zone

**Unit :- Mass**

**No. of Periods :- 5**

- ❖ 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 850g using the standard weights is shown below.

$$850g = 500g + 200g + 100g + 50g + 20g + 20g$$

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

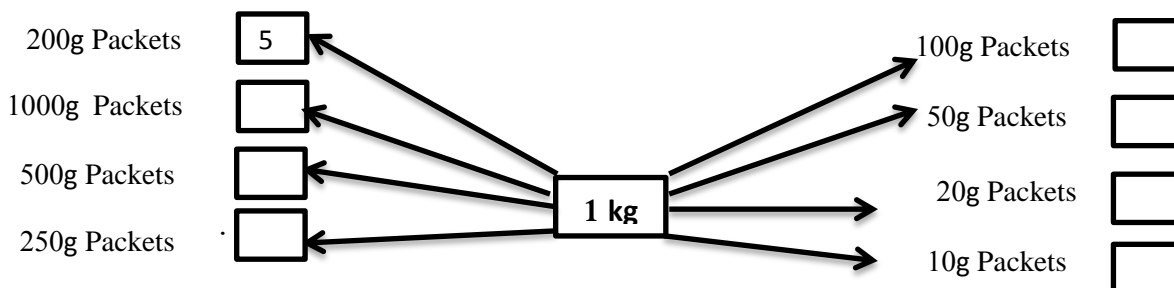
- 1) 250g
- 2) 730g
- 3) 9kg
- 4) 480 g
- 5) 2370g

- ❖ 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 <b>5000g</b> kilogrammes  Since <b>1000g = 1kg</b> , <b>5000g = 5000 ÷ 1000 kg</b> = 5 kg	Express <b>4530g</b> in kilogrammes and grammes  <b>4530g = 4000g + 530g</b>  Since <b>1000g = 1kg</b> ,  <b>4530g = 4 kg 530g</b>
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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