



Subject : - Mathematics

Week : 3

Grade : 6

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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.

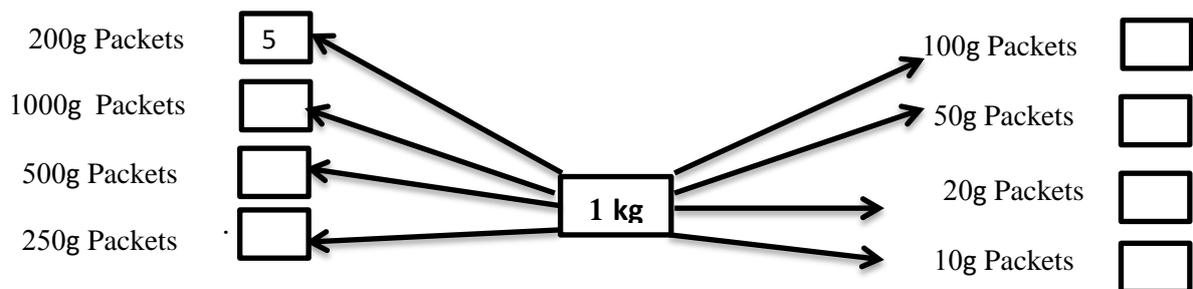
- 1) 250g 2) 730g 3) 9kg 4) 480 g 5) 2370g

❖ 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 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 $1000\text{g} = 1\text{kg}$, $4530\text{g} = 4 \text{ kg } 530\text{g}$
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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
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8	200
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$$650 + 550 = 1200\text{g} = 1 \text{ kg } 200\text{g}$$

- ❖ 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	
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5	450	
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➔

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