

Class: 3

Subject: Mathematics

Prepared by Shameema Akhtar

Date: 1/10/2020



## Chapter: Measurement

### More Explanation of previous lecture( lecture – 2)

While converting from a larger unit to a smaller unit, we multiply.

And add extra.

Explanation and correction 11 number from previous sheet.

11.8 meter 23 centimetre 9 millimetre = \_\_\_\_\_ millimetre

**Step :1** In this math we have to convert 8 meter 23 centimetre 9 millimetre into millimetre

**Step :2** AT first we have to convert 8meter into centimetre

We know,

$$8 \text{ metre} = 100 \text{ centimetre}$$

$$\therefore 8 \text{ metre} = 100 \times 8$$

$$= 800 \text{ centimetre}$$

8 meter 23 centimetre

$$= \boxed{800 \text{ cm} + 23 \text{cm}} \quad \text{Step :3 adding extra cm with 800 cm}$$

$$= 823 \text{ cm}$$

Again we know,

$$1 \text{ centimetre} = 10 \text{mm}$$

$$\therefore 823 \text{ centimetre} = 10 \times 823$$

$$= 8230 \text{mm}$$

$$\boxed{8230 \text{mm} + 9 \text{ mm}} = 8239 \text{mm} \quad \text{Step :4 adding extra 9mm with 8230 mm}$$

Ans: 8 meter 23 centimetre 9 millimetre = 8239 milimetre

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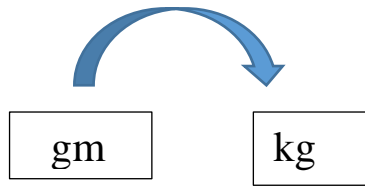
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### Lecture -3

The standard unit of mass is the gram. We write gram as 'g'. 1000 grams put together make a bigger unit called kilogram. Kilogram is written as 'kg' in short.

**Relations:**



$$1000 \text{ gram} = 1 \text{ killogram}$$

Standard weights:

5 gm, 10 gm, 20gm, 50gm, 100 gm, 200 gm, 500gm, 1kg

**Express in Kg to Gm**

While converting from a larger unit to a smaller unit, we multiply.

To convert kilograms to grams we multiply the number of kilograms by 1,000

**Example:**

kg  $\rightarrow$  g

1 kg = 1000 g

Therefore, 2 kg =  $2 \times 1000 = 2000$  g

**Assess your learning**

1. (104 page 4 )  
Express in gram  
1.4 killogram  
2.6 killogram  
3.7 killogram 300 gram  
4.8 killogram 850 gram

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Extra

5. 2 killogram 355 gram

6. 2 killogram 450 gram

7. 4 killogram 352 gram

8. 5 killogram 800 gram

9. 6 killogram 856 gram

109 killogram 850 gram

2. write down only the correct answer on your answer script.

a. How many gm makes 1 Kg?

i)1 gm

ii)10 gm

iii)100gm

iv)1000 gm

b. Which unit will tell the weight of a pencil?

i)Km

ii) cm

iii)ml

iv)Gm

c. Arrange the following objects in the order of their wight from smallest to longest?



- i) Book, eraser, almira, pumpkin
- ii) Book, almira ,eraser, pumpkin
- iii) Almira, pumpkin, book, eraser
- iv) eraser ,book, pumpkin ,Almira

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