

MONTH: DECEMBER

SESSION: 25

CLASS: V

SUBJECT: MATHEMATICS

CHAPTER NUMBER: 16

CHAPTER NAME: MEASUREMENT

SUB-TOPIC: FUNDAMENTAL OPERATIONS IN METRIC MEASURE

EXERCISE 16 B

CHANGING YOUR TOMORROW

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LEARNING OBJECTIVE:

Enable learners:

- •To identify the units for measurement.
- •To express the units in decimal .
- •To add, subtract and multiply the units of measurement in decimal.





Expressing units in decimal notation:

a.56 kg 7 hg 3 dag 2 g = 56.732 kg

b. 2 dm 8 m = 0.208 m

c. 5 g 5 cg 7 mg = 5.057 g

d. 6 kL 6hL 2 L = 6.602 kL

e. 8 m 9 dm 4 cm I mm = 8.9 4 I m

As we have already learned about expressing units in decimal, Today we'll solve operations in metric measure.



Measuring Mass





EXPRESSING IN DECIMAL AND OPERATIONS.



- I. Express in decimal then add
- a. 6 m 7 dm 2 cm 5 mm : 2 dm 3 cm 1 mm

- 2. Express in decimal and subtract
- a. 100 kL 265L from 326 kl 003 l

3 2 6 . 0 0 3 - 1 0 0 . 2 6 5 2 2 5 . 7 3 8









EXPRESSING IN DECIMAL AND OPERATIONS.



- 3 . Express in decimal then multiply
- a. 6 hm 5 dam 8 m by 23



Measuring Mass







- I. Express in decimal and then add
- a. 2 km 6 hm 4 dam 2 m : 8 km 8 dam : 10 km 6 hm 2 dam 8 m
 - 2.642 + 8.080
 - 10.628
 - 21.350

Ans. 21.350 km

b. 6 m 7 dm 2 cm 5 mm : 8 m 8 dm 6 cm 6 mm : 10 m 5 mm

6.725

+ 8.866

10.005

25.596

Ans. 25 . 596 m





- I. Express in decimal and then add
- c. 6 kg 7 hg 5 dag 6 g : 8 hg 7 g : 4 kg 2 hg 2 g : 10 kg
 - 6.756 + 0.807 4.202
 - 10.000
 - 21.765

Ans. 21 . 765 kg





- 2. Express in decimal and then subtract
- a. 25 km 625 m from 50 km 50 m

- 25.625
 - 24.425

Ans. 24 . 425 km

b. 66 kg 725 g from 92 kg 6 hg 8 g

92.608

- 66.725

25.883

Ans. 25 . 883 kg





- 2. Express in decimal and then subtract
- c. 125 kL 615 L from 145 kL 220 L

145.220

- 125.615

19.605

Ans. 19.605 kL





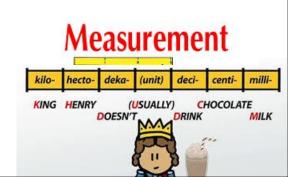
3. Express in decimal and then multiply

a. 7 km 2 hm 7 dam 5 m by 48

Ans. 349.2 km

b. 25 kg 620 g by 27

Ans. 691.740 kg





- 3. Express in decimal and then multiply
- c. 6 hm 4 dam 6 m by 72

Ans. 46 km 512 m







Complete Exercise 16 B q.no. I to 3





Students are able:

- To identify the units for measurement..
- •To express the units of measurement in decimal.
- •To add, subtract and multiply the units of measurement with decimal notation.



THANKING YOU ODM EDUCATIONAL GROUP