

## ASSIGNMENT – 5

STD IV

MATHEMATICS

CHAPTER 11

MEASUREMENT

Do the following assignment in your Maths copy.

Larger to smaller

$\overset{\times 10}{\text{km}} \rightarrow \overset{\times 10}{\text{hm}} \rightarrow \overset{\times 10}{\text{dam}} \rightarrow \overset{\times 10}{\text{m}} \rightarrow \overset{\times 10}{\text{dm}} \rightarrow \overset{\times 10}{\text{cm}} \rightarrow \overset{\times 10}{\text{mm}}$

Smaller to larger

$\overset{\div 10}{\text{km}} \leftarrow \overset{\div 10}{\text{hm}} \leftarrow \overset{\div 10}{\text{dam}} \leftarrow \overset{\div 10}{\text{m}} \leftarrow \overset{\div 10}{\text{dm}} \leftarrow \overset{\div 10}{\text{cm}} \leftarrow \overset{\div 10}{\text{mm}}$

1. Convert into m and cm:

Eg.  $2435 \text{ cm} = \underline{\quad} \text{ m } \underline{\quad} \text{ cm}$

$$100 \text{ cm} = 1 \text{ m}$$

$$2435 \text{ cm} = 2400 \text{ cm} + 35 \text{ cm}$$

$$= 24 \text{ m } 35 \text{ cm}$$

a)  $343 \text{ cm} = \underline{\quad} \text{ m } \underline{\quad} \text{ cm}$

b)  $6842 \text{ cm} = \underline{\quad} \text{ m } \underline{\quad} \text{ cm}$

2. Convert into km and m:

Eg.  $4086 \text{ m} = \underline{\quad} \text{ km } \underline{\quad} \text{ m}$

$$1000 \text{ m} = 1 \text{ km}$$

$$4086 \text{ m} = 4000 \text{ m} + 86 \text{ m}$$

$$= 4 \times 1000 \text{ m} + 86 \text{ m}$$

$$= 4 \text{ km } 86 \text{ m}$$

a)  $1115 \text{ m} = \underline{\quad} \text{ km } \underline{\quad} \text{ m}$

b)  $7916 \text{ m} = \underline{\quad} \text{ km } \underline{\quad} \text{ m}$

3. Convert into cm and mm:

Eg.  $26 \text{ mm} = \underline{\quad} \text{ cm } \underline{\quad} \text{ mm}$

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

$26 \text{ mm} = 20 \text{ mm} + 6 \text{ mm}$

$= 2 \times 10 \text{ mm} + 6 \text{ mm}$

$= 2 \text{ cm } 6 \text{ mm}$

a)  $24 \text{ mm} = \underline{\quad} \text{ cm } \underline{\quad} \text{ mm}$

b)  $92 \text{ mm} = \underline{\quad} \text{ cm } \underline{\quad} \text{ mm}$

4. Write the following in metres:

Eg.1  $216 \text{ km } 456 \text{ m}$

$1 \text{ km} = 1000 \text{ m}$

$216 \text{ km } 456 \text{ m} = 216 \times 1000 \text{ m} + 456 \text{ m}$

$= 216000 \text{ m} + 456 \text{ m}$

$= 216456 \text{ m}$

Eg.2  $400 \text{ cm}$

$100 \text{ cm} = 1 \text{ m}$

$400 \text{ cm} = 400 \div 100 \text{ m}$

$= 4 \text{ m}$

a)  $3 \text{ km } 452 \text{ m}$

b)  $16 \text{ km } 62 \text{ m}$

c)  $2000 \text{ m}$

d)  $600 \text{ cm}$

5. Write the following in centimetres:

Eg.1 11 m

$$1 \text{ m} = 100 \text{ cm}$$

$$11 \text{ m} = 11 \times 100$$

$$= 1100 \text{ cm}$$

Eg. 2 9 m 6 dm 5 cm

$$1 \text{ m} = 100 \text{ cm}$$

$$1 \text{ dm} = 10 \text{ cm}$$

$$9 \text{ m } 6 \text{ dm } 5 \text{ cm} = 9 \times 100 \text{ cm} + 6 \times 10 \text{ cm} + 5 \text{ cm}$$

$$= 900 \text{ cm} + 60 \text{ cm} + 5 \text{ cm}$$

$$= 965 \text{ cm}$$

a) 25 m

b) 6 m 7 cm

c) 12 m 2 dm