ASSIGNMENT – 6

STD IV **MATHEMATICS**

CHAPTER 11 **MEASUREMENT**

Do the following assignment in your Maths copy.

Larger to smaller

$$\text{kg} \xrightarrow{\times 10} \text{hg} \xrightarrow{\times 10} \text{dag} \xrightarrow{\times 10} \text{g} \xrightarrow{\times 10} \text{dg} \xrightarrow{\times 10} \text{cg} \xrightarrow{\times 10} \text{mg}$$

Smaller to larger

$$\text{kg} \xleftarrow{\div 10} \text{hg} \xleftarrow{\div 10} \text{dag} \xleftarrow{\div 10} \text{g} \xleftarrow{\div 10} \text{dg} \xleftarrow{\div 10} \text{cg} \xleftarrow{\div 10} \text{mg}$$

1. **Convert into grams:**

Eg.1 5 kg = ___ g

1 kg = 1000 g

5 kg = 5 X 1000 g

= 5000 g

Eg.2 2 kg 8 hg 400 g = ____ g

1 kg = 1000 g

1 hg = 100 g

2 kg 8 hg 400 g = 2 X1000g + 8 X 100g + 400 g

= 2000 g + 800 g + 400 g

= 3200 g

a) 10 kg = _____ g

b) 58 kg 415 g = _____ g

c) 4 kg 2 hg 24 g = _____ g

2. <u>Convert into kilogram and gram:</u>

Eg.1 42,415 g = _____ kg _____g

1000 g = 1 kg

42,415 g = 42,000 g + 415 g

= (42,000 ÷ 1000) kg + 415 g

= 42 kg 415 g

a) 3,084 g = _____ kg

b) 52,105 g = _____kg

<u>Larger to smaller</u>

$$kl \xrightarrow{x10} hl \xrightarrow{x10} dal \xrightarrow{x10} l \xrightarrow{x10} dl \xrightarrow{x1} cl \xrightarrow{x10} ml$$

<u>Smaller to larger</u>

$$kl \xleftarrow{\div 10} hl \xleftarrow{\div 10} dal \xleftarrow{\div 10} l \xleftarrow{\div 10} dl \xleftarrow{\div 10} cl \xleftarrow{\div 10} ml$$

3. <u>Convert into millilitres :</u>

a) 32 l = _____ ml

b) 72 l 482 ml = _____ ml

c) 3 l 408 ml = _____ ml

4. <u>Convert into litres and millilitres:</u>

a) 7,680 ml = ___ l _____ ml

b) 99,566 ml = ___ l _____ ml