

## P.4 MATHS LESSON NOTES WEEK 3 FEBRUARY 2021

### LESSON 1

**TOPIC : MEASURES (Length)**

**SUBTOPIC : Changing meters to centimeters**

**CONTENT :**

#### Example 1

Change 3m to centimeters.

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

$$3\text{m} = 3 \times 100\text{cm}$$

$$= 300\text{cm.}$$

#### Example 2

Change 3m + 2m + 2m to cm

$$3\text{m} + 2\text{m} + 2\text{m} = 7\text{m}$$

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

$$7\text{m} = 7 \times 100\text{cm}$$

$$= \underline{\underline{700\text{cm.}}}$$

### **ACTIVITY:**

**Convert these metres to centimeters**

1. 2m    2.8m    3. 10m    4. 9m    5. 7m

6. 6m    7.11m    8. 24m    9. 15m    10. 18m

### LESSON 2

**TOPIC : MEASURES (Length)**

**SUBTOPIC : Changing centimeters to meters**

**CONTENT :** Examples

#### Example 1

Change 200 centimetres to metres Since  $100\text{cm} = 1\text{m}$

$$200\text{cm} = \frac{200}{100}$$

$$= 2\text{m}$$

#### Example 2

Change 8000 centimeters to metres

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

$$8000\text{cm} = \frac{8000}{100}$$

**ACTIVITY:**

**Convert these centimetres to metres**

1. 300 cm    2. 700cm    3. 400cm    4. 800cm    5. 500cm  
6. 1000cm    7. 1500cm    8. 2000cm    9. 600cm    10. 1400cm

**LESSON 3**

**TOPIC : MEASURES (Length)**

**SUBTOPIC : Addition and subtraction in metres and centimeters**

**CONTENT :** Examples

$$\begin{array}{r} \text{Add: } 2\text{m} \quad 45\text{cm} \\ + 6\text{m} \quad 36\text{cm} \\ \hline 8\text{m} \quad 81\text{cm} \end{array}$$

$$\begin{array}{r} \text{subtract: } 87\text{m} \quad 125\text{cm} \\ - 6\text{m} \quad 85\text{cm} \\ \hline 1\text{m} \quad 40\text{cm} \end{array}$$

**ACTIVITY:**

**Add:** 1. a) m cm    b) m cm    c) m cm

$$\begin{array}{r} 3 \quad 20 \\ + 4 \quad 31 \\ \hline \hline \end{array} \quad \begin{array}{r} 5 \quad 16 \\ + 2 \quad 43 \\ \hline \hline \end{array} \quad \begin{array}{r} 4 \quad 35 \\ + 5 \quad 27 \\ \hline \hline \end{array}$$

**Subtract:** 2. a) m cm    b) m cm    c) m cm

$$\begin{array}{r} 17 \quad 58 \\ - 2 \quad 15 \\ \hline \hline \end{array} \quad \begin{array}{r} 41 \quad 62 \\ - 25 \quad 38 \\ \hline \hline \end{array} \quad \begin{array}{r} 54 \quad 13 \\ - 26 \quad 25 \\ \hline \hline \end{array}$$

## LESSON 4

**TOPIC : MEASURES (Length)**

**SUBTOPIC : Changing kilometers into metres**

**CONTENT : Example 1**

Example 1

Change 5km to metres.

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

$$5\text{km} = 5 \times 1000 \\ = 5000\text{m}$$

$$\therefore 5\text{km} = \underline{5000\text{m}}$$

Example II

Change 12km to metres.

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

$$12\text{km} = 12 \times 1000 \\ = 12000\text{m}$$

$$\therefore 12\text{km} = \underline{12000\text{m}}$$

### ACTIVITY:

**Change the following kilometers to metres**

1. 2km    2. 3km    3. 8km    4. 11km    5. 13km

6. 9km    7. 10km    8. 6km    9. 20km    10. 1km

## LESSON 5

**TOPIC : MEASURES (Length)**

**SUBTOPIC : Changing metres to kilometers**

**CONTENT : Example 1**

Change 3000m to km

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

$$3000\text{m} = \frac{3000}{1000} = 3\text{km}$$

### ACTIVITY:

**Change the following metres to kilometers**

1. 1000m    2. 5000m    3. 1500m    4. 2000m

5. 2500m    6. 3000m    7. 10000m