

P.4 MATHS LESSON NOTES WEEK 6 NOVEMBER 2020

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

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

$$\begin{array}{r} \text{subtract: } 8^7\text{m } 1^25\text{cm} \\ - 6\text{m } 85\text{cm} \\ \hline 1\text{m } 40\text{cm} \end{array}$$

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