

25 OGOS 2021 (WEDNESDAY)

DATE /DAY	:	
TOPIC	:	MEASUREMENT
STANDARD OF CONTENT	:	LENGTH
STANDARD OF LEARNING:		5.1.2 , 5.1.3
PERFORMANCE STANDARD :		States the association of millimeters by centimeters, centimeters by meters, meters with kilometers, grams with a kilogram, milliliter with a liter
LEARNING OBJECTIVES :		Students BE ABLE: (i) State the relationship involving meters and kilometers. (ii) Convert the units of length involving meters and kilometers.

Reference : MATHEMATICS TEXT BOOKS YEAR 4 PAGE 175

NOTE :

NOTE

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

$$\begin{array}{ccc} \text{cm} & \xrightarrow{\times 10} & \text{mm} \\ & \xrightarrow{\div 10} & \text{cm} \end{array}$$

$$1\text{ km} = 1\,000\text{ m}$$

$$\begin{array}{ccc} \text{km} & \xrightarrow{\times 1\,000} & \text{m} \\ \text{m} & \xrightarrow{\div 1\,000} & \text{km} \end{array}$$

EXAMPLE

$$3\text{ km} = \underline{\hspace{2cm}}\text{ m}$$

$$\mathbf{3\,000\,m}$$

SOLUTION

$$\begin{aligned} 3\text{ km} &= 3 \times 1\,000 \\ &= \underline{\hspace{2cm}}\text{ m} \end{aligned}$$

$$23\,000\text{ m} = \underline{\hspace{2cm}}\text{ km}$$

$$\mathbf{23\,km}$$

$$\begin{aligned} 23\,000\text{ km} &= 23\,000 \div 1\,000 \\ &= \underline{\hspace{2cm}}\text{ km} \end{aligned}$$

$$6\text{ km } 743\text{ m} = \underline{\hspace{2cm}}\text{ m}$$

$$\mathbf{6\,743\,m}$$

$$\begin{aligned} 6\text{ km } 743\text{ m} &= 6\,000\text{ m} + 743\text{ m} \\ &= \underline{\hspace{2cm}}\text{ m} \end{aligned}$$

$$40\,025\text{ m} = \underline{\hspace{2cm}}\text{ km } \underline{\hspace{2cm}}\text{ m}$$

$$\mathbf{40\,km\,25\,m}$$

$$\begin{aligned} 40\,025\text{ m} &= 40\,000\text{ m} + 25\text{ m} \\ &= \underline{\hspace{2cm}}\text{ km } \underline{\hspace{2cm}}\text{ m} \\ &= \underline{\hspace{2cm}}\text{ km } \underline{\hspace{2cm}}\text{ m} \end{aligned}$$

INSTRUCTIONS:

ANSWER THE EXERCISES IN THE DLP BOOSTER BOOK PAGE 73, PART B QUESTIONS 1 THROUGH 6.

B. Convert the following to the units given. LS5.1.2, 5.1.3 **PL1**
Tukarkan yang berikut kepada unit yang diberikan.

1. $7 \text{ km } 430 \text{ m} = \underline{\hspace{2cm}} \text{ m}$

$$7 \text{ km} = \underline{\hspace{2cm}} \text{ m}$$

$$\underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

2. $23 \text{ km } 980 \text{ m} = \underline{\hspace{2cm}} \text{ m}$

$$23 \text{ km} = \underline{\hspace{2cm}} \text{ m}$$

$$\underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

3. $4 \text{ } 125 \text{ m} = \underline{\hspace{1cm}} \text{ km } \underline{\hspace{1cm}} \text{ m}$

$$4000 \div \underline{\hspace{2cm}} = \underline{\hspace{2cm}} \text{ km}$$

$$\underline{\hspace{2cm}} \text{ m} = 4 \text{ km}$$

4. $9 \text{ } 007 \text{ m} = \underline{\hspace{1cm}} \text{ km } \underline{\hspace{1cm}} \text{ m}$

$$9000 \text{ m} = \underline{\hspace{2cm}} \text{ km}$$

$$9000 \div \underline{\hspace{2cm}} = \underline{\hspace{2cm}} \text{ km}$$