

MATH MODUL YEAR 5

DATE/DAY : 23 AUGUST 2021 (MONDAY)

TITLE : MEASUREMENTS AND MEASUREMENTS

CONTENT STANDARD : Length

STANDARD OF LEARNING : 5.1.5

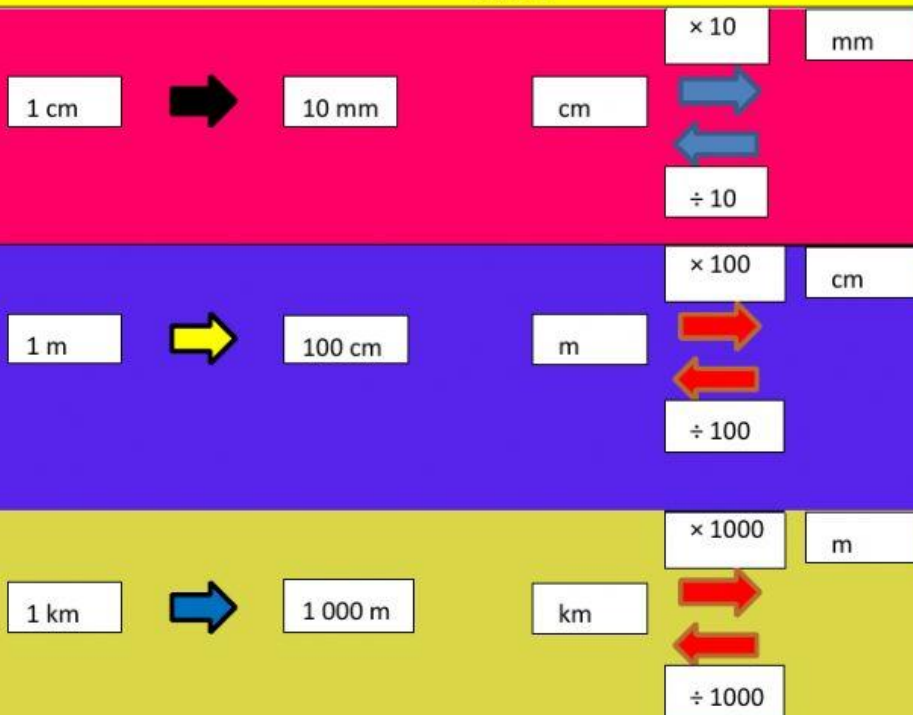
PERFORMANCE STANDARDS : Determine the justification for answers and finish sentences fractional and decimal mathematics involving measurements and Syllabus.

LEARNING OBJECTIVES : Students can multiply the lengths involved decimal and fractions by numbers up to two digits, 100 and 1000 without and with conversion of units.

REFERENCE : MATHEMATICS TEXTBOOK YEAR 5 PAGE 185 - 186

NOTE :

NOTE



EXAMPLE	SOLUTION
$6 \times 2.8 \text{ cm} = \underline{\hspace{2cm}} \text{ cm}$ 16.8 cm	$\begin{array}{r} 2.8 \text{ cm} \\ \times 6 \\ \hline 16.8 \text{ cm} \end{array}$
$14 \times 1.9 \text{ cm} = \underline{\hspace{2cm}} \text{ mm}$ 266 mm	$1.9 \text{ cm} = (1.9 \times 10) \text{ mm}$ $= 19 \text{ mm}$ $14 \times 1.9 \text{ cm} = \underline{266} \text{ mm}$ $\begin{array}{r} 19 \text{ mm} \\ \times 14 \\ \hline 76 \\ + 190 \\ \hline 266 \text{ mm} \end{array}$
$56 \times 7\frac{3}{4} \text{ m} = \underline{\hspace{2cm}} \text{ cm}$ 43 400 cm	Cara 1 $56 \times 7\frac{3}{4} \text{ m} = 56 \times \frac{31}{4} \text{ m}$ $= 434 \text{ m}$ $= (434 \times 100) \text{ cm}$ $= 43\,400 \text{ cm}$ Cara 2 $7\frac{3}{4} \text{ m} = 7 \text{ m} + \frac{3}{4} \text{ m}$ $= (7 \times 100) \text{ cm} + (\frac{3}{4} \times 100) \text{ cm}$ $= 700 \text{ cm} + 75 \text{ cm}$ $= 775 \text{ cm}$ $\begin{array}{r} 775 \text{ cm} \\ \times 56 \\ \hline 4650 \\ + 38750 \\ \hline 43400 \text{ cm} \end{array}$ $56 \times 7\frac{3}{4} \text{ m} = \underline{43\,400} \text{ cm}$
$100 \times 48\frac{1}{2} \text{ m} = \underline{\hspace{2cm}} \text{ km}$ 4.85 km	$100 \times 48\frac{1}{2} \text{ m} = \underline{\hspace{2cm}} \text{ km}$ $\frac{1}{2} \text{ m} = 0.5 \text{ m}$ $100 \times 48\frac{1}{2} \text{ m} = 100 \times 48.5 \text{ m}$ $= 4\,850 \text{ m}$ $= (4\,850 \div 1\,000) \text{ km}$ $= 4.85 \text{ km}$ $100 \times 48\frac{1}{2} \text{ m} = \underline{4.85} \text{ km}$
$1\,000 \times 19\frac{4}{5} \text{ cm} = \underline{\hspace{2cm}} \text{ m}$ 198 m	5 $1\,000 \times 19\frac{4}{5} \text{ cm} = \underline{\hspace{2cm}} \text{ m}$ $\frac{4}{5} \text{ cm} = 0.8 \text{ cm}$ $1\,000 \times 19\frac{4}{5} \text{ cm} = 1\,000 \times 19.8 \text{ cm}$ $= 19\,800 \text{ cm}$ $= (19\,800 \div 100) \text{ m}$ $= 198 \text{ m}$ $1\,000 \times 19\frac{4}{5} \text{ cm} = \underline{198} \text{ m}$

INSTRUCTION :

ANSWER EXERCISES IN DLP BOOSTER BOOK PAGE 73, PART A, QUESTIONS 1 TO 5.

1. $8 \times 5.08 \text{ km}$
 $=$ _____ m

2. $15 \times 4.7 \text{ cm}$
 $=$ _____ mm

3. $42 \times 6\frac{1}{5} \text{ m}$
 $=$ _____ cm

4. $100 \times 9\frac{1}{2} \text{ m} =$ _____ km

5. $1\,000 \times 18.2 \text{ cm} =$ _____ m