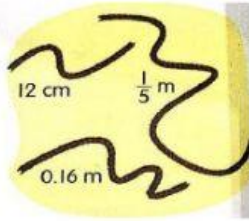


DATE /DAY : 30 SEPT 2021 (THURSDAY)
TOPIC : MEASUREMENT
CONTENT STANDARD : SOLVING PROBLEMS
LEARNING STANDARD : 5.4.1
PERFORMANCE STANDARD : SOLVING PROBLEM ROUTINE INVOLVING MEASUREMENT
LEARNING OBJECTIVES : PUPILS BE ABLE TO SOLVE PROBLEM ROUTINE QUESTIONS INVOLVING MEASUREMENT IN DAILY SITUATION.
REFERENCES : MATHEMATICS TEXT BOOK PAGE 210 – 212

1 cm	➡	10 mm	cm	$\times 10$ $\div 10$	mm
1 m	➡	100 cm	m	$\times 100$ $\div 100$	cm
1 km	➡	1 000 m	km	$\times 1000$ $\div 1000$	m
1 kg	➡	1000 g	kg	$\times 1\,000$ $\div 1\,000$	g
1 l	➡	1000 ml	l	$\times 1\,000$ $\div 1\,000$	ml
CONTOH SOALAN			PENYELESAIAN		
Cliff ingin membentuk segi tiga bersudut tegak. Dia menggunakan tiga utas tali seperti ukuran yang ditunjukkan. Hitung jumlah panjang, dalam cm, bagi semua					

tali.



JAWAPAN : 48 cm

$$\begin{aligned} \text{a } 12 \text{ cm} + \frac{1}{5} \text{ m} + 0.16 \text{ m} &= \text{ } \text{ cm} \\ 12 \text{ cm} + \frac{1}{5} \text{ m} + 0.16 \text{ m} \\ &= 12 \text{ cm} + \left(\frac{1}{5} \times \frac{20}{100}\right) \text{ cm} + (0.16 \times 100) \text{ cm} \\ &= 12 \text{ cm} + 20 \text{ cm} + 16 \text{ cm} \\ &= 48 \text{ cm} \end{aligned}$$

Semak

$$\begin{array}{r} \text{a } 48 \text{ cm} \\ - 16 \text{ cm} \\ \hline 32 \text{ cm} \end{array} \quad \begin{array}{r} 32 \text{ cm} \\ - 20 \text{ cm} \\ \hline 12 \text{ cm} \end{array}$$

$$12 \text{ cm} + \frac{1}{5} \text{ m} + 0.16 \text{ m} = \text{48 cm}$$

Jumlah panjang semua tali ialah 48 cm.

b

Bez tali

In conjunction with the recycling campaign, year 5 Meteor pupils collected 4.67 kg of cans of drinks. The collected mass of paper is 12 times the mass of the can of the drink. Count jsim in g, collected paper.

JAWAPAN : 56 040 g

Penyelesaian

$$12 \times 4.67 \text{ kg} = \text{ } \text{ g}$$

Tukar 4.67 kg kepada g.

$$\begin{aligned} 4.67 \text{ kg} &= (4.67 \times 1000) \text{ g} \\ &= 4670 \text{ g} \end{aligned}$$

$$\begin{array}{r} 4670 \text{ g} \\ \times 12 \\ \hline 9340 \\ + 46700 \\ \hline 56040 \text{ g} \end{array}$$

Jisim kertas yang dikumpulkan ialah 56 040 g

INSTRUCTIONS :

PLEASE ANSWER THE EXERCISES IN PAGE 82 QUESTIONS NO 1 TO 3

Problem Solving/ Penyelesaian Masalah

A. Solve the following problems. LS5.4.1 **PL4 PL5**
Selamatkan masalah berikut.

1. There are two rolls of wire, P and Q. Wire P is longer than wire Q. Given the length of wire Q is 10.8 m. The difference in length between wire P and wire Q is $3\frac{1}{5}$ m. Calculate the length, in m, of wire P.
Terdapat dua gulung dawai, P dan Q. Dawai P lebih panjang daripada dawai Q. Diberi panjang dawai Q ialah 10.8 m. Beza antara panjang dawai P dengan panjang dawai Q ialah $3\frac{1}{5}$ m. Hitung panjang, dalam m, dawai P.

$$10.8 \text{ m} \quad \square \quad 3\frac{1}{5} \text{ m} =$$

$$10.8 \text{ m} \quad \square \quad \square =$$

2. The diagram shows the locations of towns R, S and T.
Rajah di bawah menunjukkan kedudukan bandar R, S dan T.



The distance from R to S is 4 times the distance from S to T. Calculate the distance, in m, from R to S.

Jarak dari R ke S adalah 4 kali jarak dari S ke T. Hitung jarak, dalam m, dari R ke S.

$$18.7 \text{ km} \quad \square \quad 4 =$$

3. Maisara has a thread measuring $70\frac{4}{5}$ cm. She cuts the thread into 6 equal parts. What is the length, in mm, of each part of the thread?

Maisara ada seutas benang berukuran panjang $70\frac{4}{5}$ cm. Dia memotong benang itu kepada 6 bahagian yang sama panjang. Berapakah panjang, dalam mm, setiap bahagian benang itu?

$$70\frac{4}{5} \div 6 = \underline{\hspace{2cm}} \div 6$$