

Mathematics Year 4
Topic : Measurements (Problem Solving)

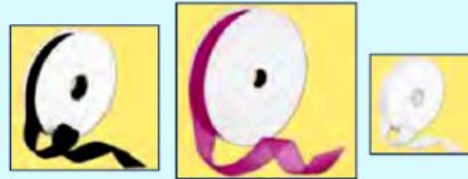
Name : _____

Class : _____

Solve the problems.

- 1** Puan Hamidah used pink, white, and black ribbons to decorate her child's birthday gift. The length of the ribbons are as shown:

Ribbon colour	Length
Black	36 cm 3 mm
Pink	67 cm 2 mm
White	268 mm



What is the total length of ribbons, in mm, used?

Formula : 1cm = 10mm

	cm	mm	
+			
			= <input type="text"/> mm

- 2** Mr Kimbua undergoes a running training of 3 km 260 m daily. Calculate his running distance in a week.

A week = 7 days

	km	m	
	3	260	
x			

3 Based on the information in the table, what is the length of the Pahang River?

Name of river	Length
Pahang River	88 km less than Rajang River
Rajang River	323 km more than Kelantan River
Kelantan River	240 km

Formula : 1km = 1000m

Notes : less (-) , more (+)

Kelantan River = 240 km

Rajang River = 323km + 240km

$$\begin{array}{r}
 \boxed{} \text{ km} \\
 + \boxed{} \text{ km} \\
 \hline
 \boxed{} \text{ km}
 \end{array}$$

Pahang River = Rajang River – 88 km

$$\begin{array}{r}
 \boxed{} \text{ km} \\
 - \boxed{} \text{ km} \\
 \hline
 \boxed{}
 \end{array}$$

4 The total mass of Maniam, Norzi, and Ong is 150 kg. Norzi's mass is 35 kg 200 g. Ong's mass is 950 g more than Norzi's. What is Maniam's mass?

Formula : 1kg = 1000g

Notes : more (+)

Total mass = mass of Maniam + Norzi + Ong

= Maniam + 35kg 200g + 950g more than Norzi's

= 150 kg

kg	g
150	000
-	
-	

5 The volume of water in container P is 395 ml less than container Q.

The volume of water in container Q is 1 l 70 ml.

a Based on the information above, calculate the total volume of water in containers P and Q.

b The water in container Q is poured equally into 2 cups. What is the volume of water in each cup?

Formula : 1 l = 1000 ml

a. P = 395 ml less than container Q {Notes : less (-) }

= l ml

l	ml
-	

b. Q is poured equally into 2 cups { Notes equally/each (÷) }

	l	ml
2	1	70 ml
-		+

