

MATHEMATICS YEAR 5

TOPIC : MEASUREMENT

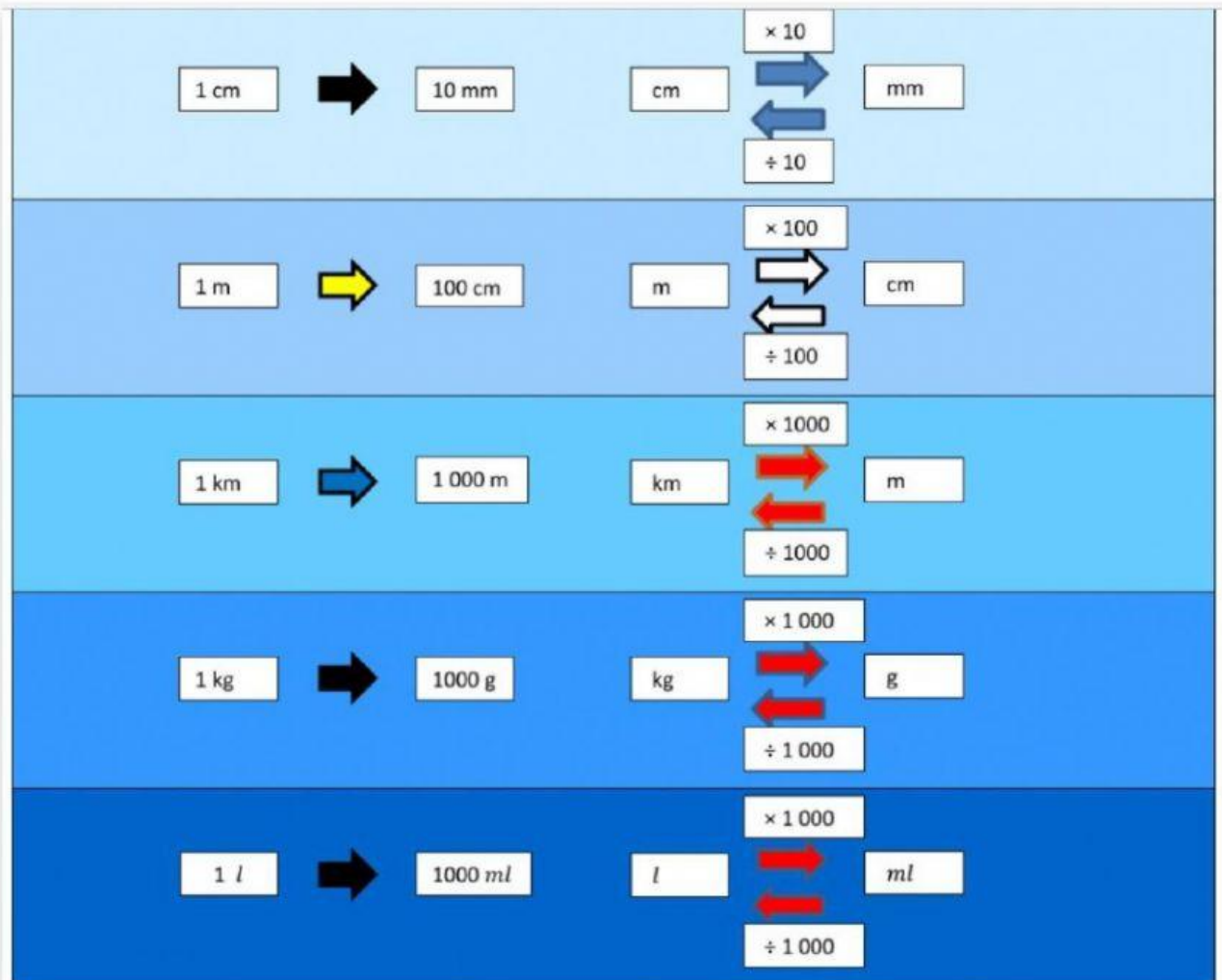
5.4 SOLVING PROBLEM QUESTIONS

SOLVING PROBLEM QUESTIONS IN LENGTH, MASS AND VOLUME OF LIQUID

NAME : _____

YEAR 5: _____

NOTES



PP MODULE UPSR PRACTICE PAPER 1

1. $6\frac{1}{5}$ kg =

- A 6 020 g B 6 150 g
C 6 200 g D 6 500 g

2. Convert 3 m 7 cm to cm.
Tukarkan 3 m 7 cm kepada cm.

- A 307
B 370
C 3 007
D 3 070

3. Convert $2\frac{3}{8}$ l to millilitres.

Tukarkan $2\frac{3}{8}$ l kepada mililiter.

- A 2 375
B 2 380
C 2 500
D 2 830

4. $3\frac{4}{5}$ l - 0.95 l =

- A 2 150 ml
B 2 850 ml
C 3 050 ml
D 3 150 ml

5. $4\frac{2}{5}$ l - 50 ml =

- A 3.4 l
B 4.15 l
C 4.2 l
D 4.35 l

6. $9 \times 1\frac{3}{5}$ km = m

- A 1 215
B 1 440
C 12 150
D 14 400

7. $6\frac{1}{5}$ m ÷ 2 =

- A 3 m 1 cm
B 3 m 5 cm
C 3 m 10 cm
D 3 m 25 cm

8. $18 \times 3\frac{1}{4}$ kg = g

- A 58 500
B 56 700
C 5 850
D 5 670

9. 5.2 l - $\frac{1}{4}$ l - 837 ml =

- A 4 827 ml
B 4 723 ml
C 4 123 ml
D 4 113 ml

10. $6\frac{3}{5}$ kg ÷ 40 =

- A 180 g
B 165 g
C 18.0 g
D 16.5 g

11. Which conversion of units is correct?

Penukaran unit manakah yang betul?

- A 405 g = 4.05 kg
B 2 070 g = 2.7 kg
C $3\frac{4}{5}$ kg = 3 800 g
D 12 kg 60 g = 12 600 g

12. The table shows the volumes of water in containers J and L. The volume of water in container K is not shown.

Jadual di bawah menunjukkan isi padu air di dalam bekas J dan L. Isi padu air di dalam bekas K tidak ditunjukkan.

Container Bekas	Volume Isi padu	Total Jumlah
J	0.74 l	2.8 l
K		
L	$1\frac{3}{4}$ l	

Calculate the volume, in ml, of water in container K.

Hitung isi padu, dalam ml, air di dalam bekas K.

- A 720
B 610
C 490
D 310

13. The following is a comparison between the lengths of ribbons P, Q, R and S. Berikut adalah perbandingan panjang reben P, Q, R dan S.

Ribbon P is longer than ribbon R but shorter than ribbon S.
 Ribbon P is shorter than ribbon Q.
 Ribbon Q is longer than ribbon S.
 Reben P lebih panjang daripada reben R tetapi lebih pendek daripada reben S.
 Reben P lebih pendek daripada reben Q.
 Reben Q lebih panjang daripada reben S.

Which ribbon is the longest?
 Reben manakah yang paling panjang?

- A P
 B Q
 C R
 D S

HOTS Analysing

14. John's mass is 64.3 kg. Imran's mass is 850 g more than John's mass. Calculate their total mass, in kg.

Jisim John ialah 64.3 kg. Jisim Imran adalah 850 g lebih daripada jisim John. Hitung jumlah jisim, dalam kg, mereka berdua.

- A 65.15
 B 72.8
 C 129.45
 D 137.1

15. The table shows the long jump records of three participants.

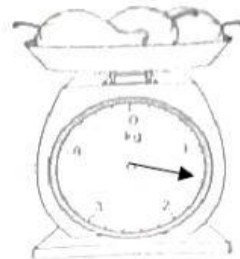
Jadual di bawah menunjukkan catatan jarak lompat jauh bagi tiga orang peserta.

Participant Peserta	Distance Jarak
Ben	3.53 m
Amir	0.4 m further than Ben 0.4 m lebih jauh daripada Ben
Remy	1.17 m nearer than Amir 1.17 m lebih dekat daripada Amir

How far, in m, does Remy jump?
 Berapakah jarak, dalam m, lompatan Remy?

- A 2.74
 B 2.76
 C 2.84
 D 2.86

16. The diagram shows the mass of some mangoes on a weighing scale. Rajah di bawah menunjukkan jisim beberapa biji mangga di atas sebuah penimbang.



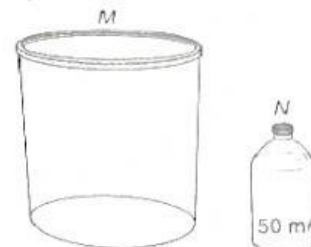
Aishah adds another two mangoes to the scale. The masses of the two mangoes are $\frac{2}{5}$ kg and 180 g. Calculate the total mass, in kg, of all the mangoes.

Aishah menambah dua biji mangga lagi ke atas penimbang itu. Jisim bagi dua biji mangga itu ialah $\frac{2}{5}$ kg dan 180 g. Hitung jumlah jisim, dalam kg, kesemua mangga itu.

- A 1.58
 B 1.78
 C 1.89
 D 1.98

17. The diagram shows a container M and a bottle N.

Rajah di bawah menunjukkan sebuah bekas M dan sebiji botol N.



Joyce wants to fill $2\frac{3}{4}$ l of water into container M using the water in several bottles N. How many bottles N are needed?

Joyce hendak mengisi $2\frac{3}{4}$ l air ke dalam bekas M dengan air di dalam beberapa botol N. Berapakah bilangan botol N yang diperlukan?

- A 45
 B 50
 C 55
 D 60

HOTS Analysing