MATHEMATICS YEAR 5

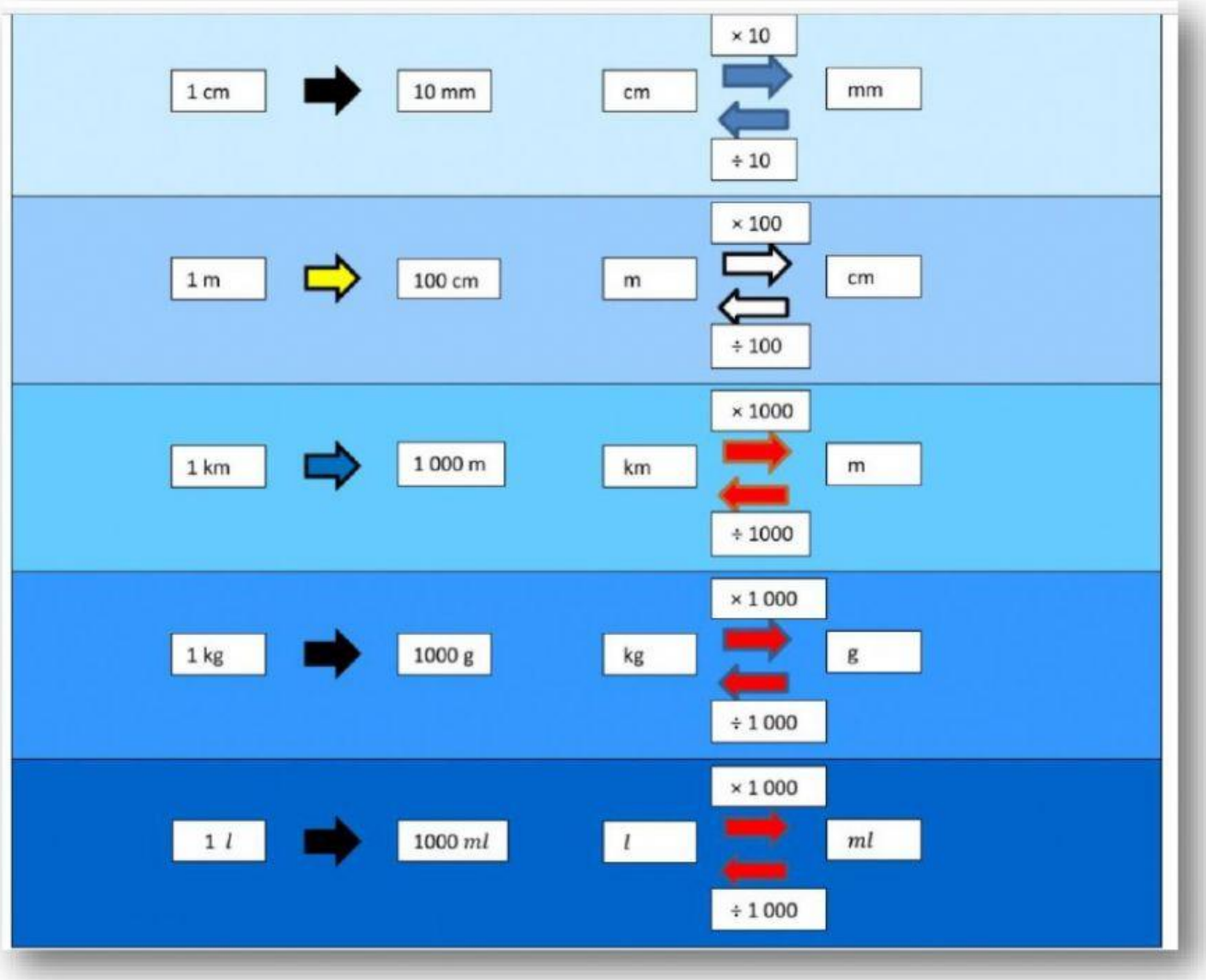
TOPIC : MEASUREMENT

5.4 SOLVING PROBLEM QUESTIONS

SOLVING PROBLEM QUESTIONS IN LENGTH, MASS AND VOLUME OF LIQUID

NAME : _____ YEAR 5:_____

NOTES



LIVEWORKSHEETS

Day: ..... Date: .....

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.
   2019
   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 =
   2019
   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 × $1\frac{3}{5}$ km = _____ m
   2019
   A 1 215
   B 1 440
   C 12 150
   D 14 400

7. $6\frac{1}{5}$ m ÷ 2 =
   2016
   A 3 m 1 cm
   B 3 m 5 cm
   C 3 m 10 cm
   D 3 m 25 cm

8. 18 × $3\frac{1}{4}$ kg = _____ g
   2017
   A 58 500
   B 56 700
   C 5 850
   D 5 670

9. 5.2 ℓ − $\frac{1}{4}$ ℓ − 837 mℓ =
   2017
   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?
    2016
    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.
    2019

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

LIVEWORKSHEETS

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?

HOTS Analysing

A P
B Q
C R
D S

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

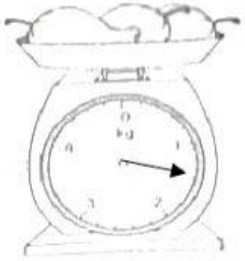
15. The table shows the long jump records of three participants.
Jadual di bawah menunjukkan catatan jarak lompat jauh bagi tiga orang peserta.

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

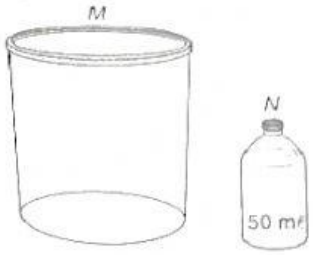
16. The diagram shows the mass of some mangoes on a weighing scale.
Rajah di bawah menunjukkan jisim beberapa biji mangga di atas sebuah penimbang.



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?

HOTS Analysing

A 45
B 50
C 55
D 60

LIVEWORKSHEETS