



YEAR 3

Measurement (LMC)

Assessment - 1

Instructions:

1. The time allowed is 20 minutes for 20 questions
2. Follow the instructions and work as quickly and as carefully as you can.
3. If you need to do working out, you can use the space around the question.
4. The number under each question at the right side of the page tells you the number of marks available for each question.
5. No Marks are lost for an incorrect answer.
6. If you have written the wrong answer, erase it and write the new one. Make sure that your final answer is clear.

Total Marks	Marks Achieved (To be filled by Parent/Teacher)
25 Marks	

Symbols used:



Go to the next page.



Do not turn the page until told to do so.



Stop working and await instructions.



Year 3 Objectives Measurement (Length, Mass, Capacity) according to KS2 Curriculum	Questions	Marks
Compare lengths (m/cm/mm)	3, 5, 8	4 Marks
Compare mass (kg/g)	15, 17	2 Marks
Compare volume / capacity (l/ml)	1, 12	2 Marks
Measure lengths (m/cm/mm)	14, 19	3 Marks
Measure mass (kg/g)	20	2 Marks
Measure volume / capacity (l/ml)	10, 18	2 Marks
Add and subtract lengths (m/cm/mm)	4, 13	2 Marks
Add and subtract mass (kg/g)	2, 7	3 Marks
Add and subtract volume / capacity (l/ml)	6, 16	2 Markst

Other Important Topics Assessed	Questions	Marks
Perimeter of 2-D shapes	9, 11	2 Marks

Total -

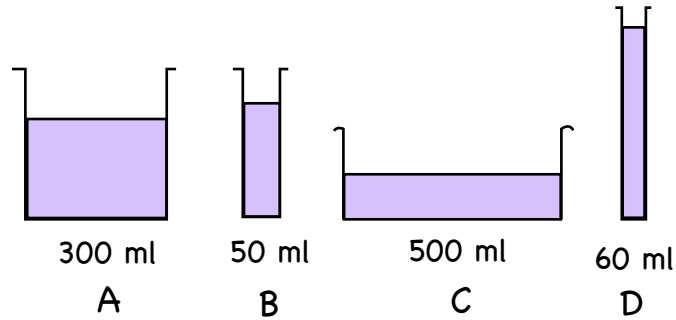
25 Marks





1

Order the volume of the given liquids from least to highest:



[A] B, D, A, C

[B] B, A, C, D

[C] A, B, C, D

[D] D, A, B, C

[E] A, C, B, D

1 Mark





2

If the weight of an empty basket is 50 gram and the weight of the basket with apples is 800 gram, then find the weight of the apples.

- [A] 850 gram
- [B] 750 gram
- [C] 700 gram
- [D] 900 gram
- [E] 800 gram



1 Mark





3 Match the correct length used to measure the following:

Meter	Kilometer	Centimeters
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Distance between two cities

A



Distance between two points

B



Length of the room

C

- [A] A - Kilometres B - Centimetres C - Metres
- [B] A - Kilometres B - Metres C - Centimetres
- [C] A - Metres B - Kilometres C - Centimetres
- [D] A - Centimetres B - Kilometres C - Metres
- [E] A - Metres B - Kilometres C - Centimetres

2 Marks





4

Use <, > or = to make the statements correct.

500 ml 5 litres200 ml + 400 ml 250 ml + 350 ml4 kg 250 g 3 kg 750 g1 litre 800 ml 2 litres 200 ml

[A] <, >, =, <

[B] >, =, >, <

[C] <, =, >, <

[D] =, >, <, >

[E] >, >, >, <

2 Marks





5 Which measurement is the longest?

- [A] 3 metres
- [B] 9 kilometres
- [C] 1200 millimetres
- [D] 900 metres
- [E] 500 centimetres

1 Mark





6 James has 5 litres of strawberry juice. He distributes 3 litres and 250 ml to his friends. How much juice does he have left?

- [A] 2 litres and 750 ml
- [B] 2 litres and 250 ml
- [C] 1 litre and 750 ml
- [D] 8 litres and 250 ml
- [E] 1 litre and 250 ml



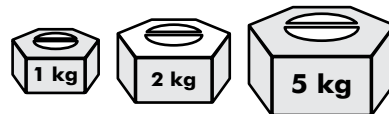
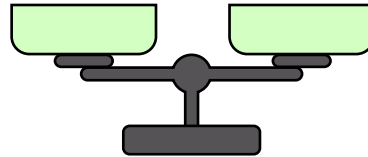
1 Mark





7

Select the weights to balance the rice bag on the weighing scale.



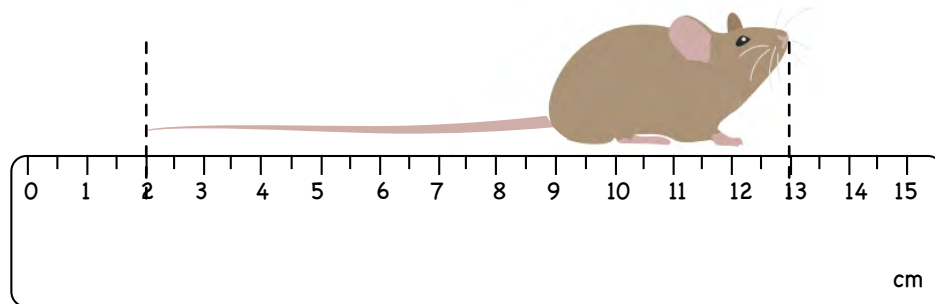
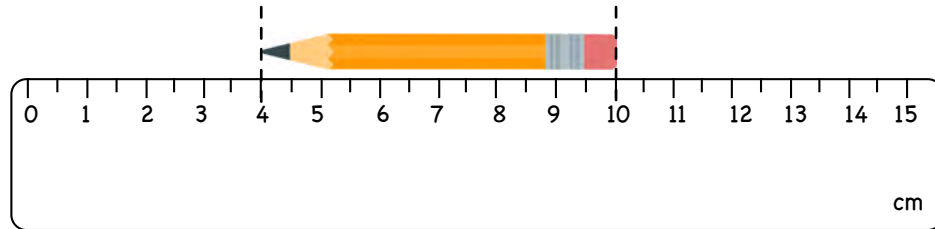
- [A] 1 kg + 2 kg
- [B] 5 kg
- [C] 2 kg + 5 kg
- [D] 1 kg + 5 kg
- [E] 2 kg

1 Mark





- 8 Measure the lengths of the two and write the difference between the lengths



- [A] 5 cm
- [B] 8 cm
- [C] 4 cm
- [D] 3 cm
- [E] 6 cm

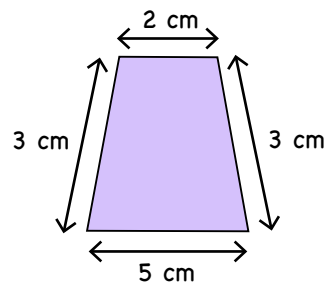
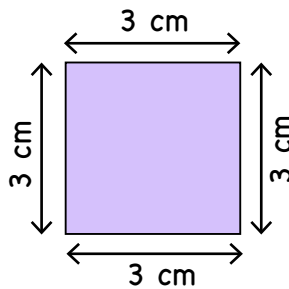
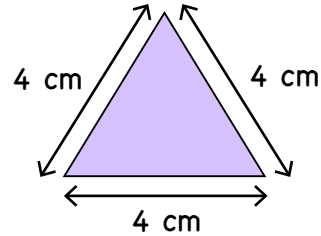
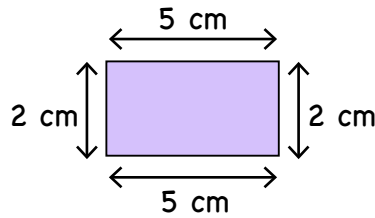
1 Mark





9

Which two shapes have the sum of all its side lengths equal to 12 centimetres (cm)?



- [A] Square and Triangle
- [B] Square and Rectangle
- [C] Square and Trapezium
- [D] Rectangle and Trapezium
- [E] Triangle and Trapezium

1 Mark





10 Choose the most appropriate unit to measure the capacity of the milk packet shown below.

- [A] grams
- [B] kilograms
- [C] centimetres
- [D] litres
- [E] metres



1 Mark





- 11 The gazebo in Jack's backyard is in the shape of a hexagon. Each side of the gazebo measures 6 metres. What is the total perimeter of the gazebo?

- [A] 49 metres
- [B] 36 metres
- [C] 42 metres
- [D] 48 metres
- [E] 38 metres



1 Mark





12

Which of the following objects has the capacity of less than a litre?



Bucket



Water can



Tin



Tub

- [A] Water Can
- [B] Tin
- [C] Bucket
- [D] Tub
- [E] Bucket and Water can

1 Mark

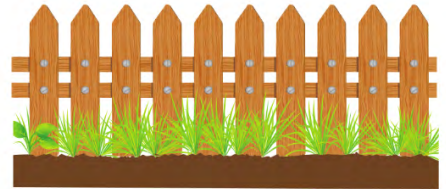




13

Clarence is fixing a grill that is 2000 cm long in the kindergarten area. He has fixed 500 cm so far. How many metres further does he have to go?

- [A] 10 m
- [B] 15 m
- [C] 150 m
- [D] 20 m
- [E] 25 m



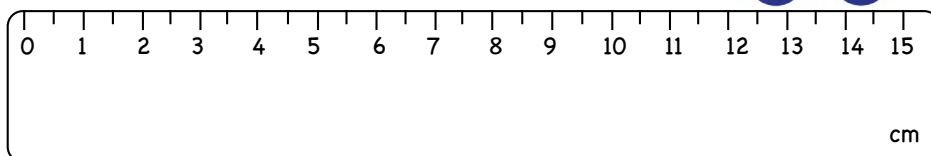
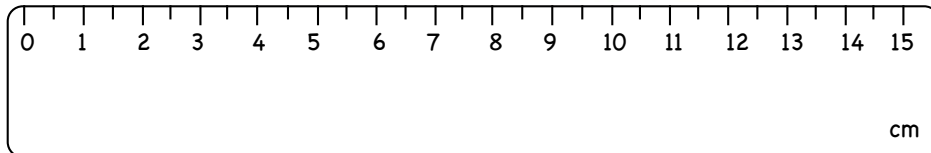
1 Mark





14

Use the ruler to work out the combined length of both the objects in centimetres.



- [A] 11 cm
- [B] 15 cm
- [C] 25 cm
- [D] 10 cm
- [E] 12 cm

2 Marks

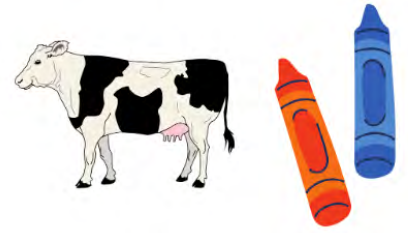




15

What unit would you use to weigh them in real life?

- [A] Cow (grams), Crayon (milligrams)
- [B] Cow (kilograms), Crayon (grams)
- [C] Cow (milligrams), Crayon (grams)
- [D] Cow (kilograms), Crayon (kilograms)
- [E] Cow (grams), Crayon (kilograms)



1 Mark

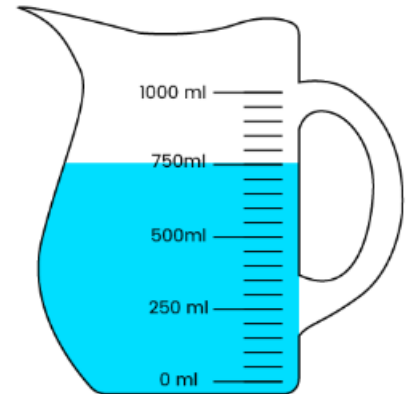




16

How much more water is needed to fill a jug to 1000 ml?

- [A] 750 ml
- [B] 700 ml
- [C] 300 ml
- [D] 250 ml
- [E] 100 ml



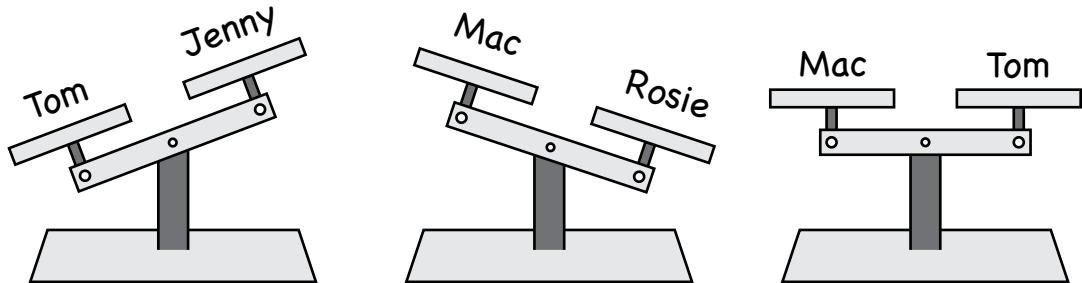
1 Mark





17

A teacher balances the weights of books carried by some of the students, as pictured below.



Which student carries the heaviest books?

- [A] Jenny
- [B] Tom
- [C] Mac
- [D] Rosie
- [E] Both Tom and Rosie

2 Marks





18

Jack has a tumbler containing 2 litres and 600 ml of lemonade. Each glass has a capacity of 250 ml. if jack pours out enough lemonade to completely fill 3 glasses, how much lemonade will be left in the tumbler?

- [A] 1 litre and 600 ml
- [B] 1 litre and 750 ml
- [C] 1 litre and 800 ml
- [D] 1 litre and 850 ml
- [E] 1 litre and 250 ml



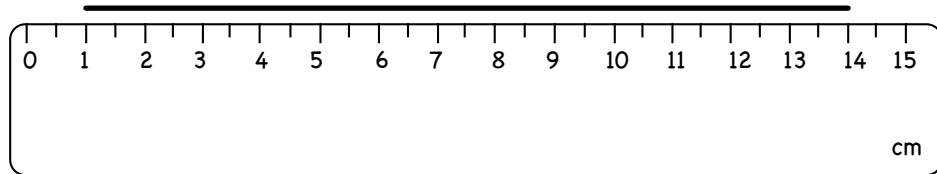
2 Marks





19

What is the length of the given line in correct units:



- [A] 13 centimetres
- [B] 14 metres
- [C] 15 metres
- [D] 14 centimetres
- [E] 12 metres

1 Mark

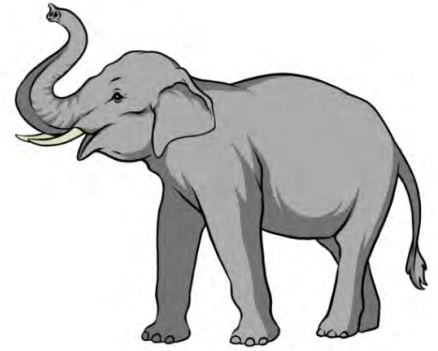




20 What unit would you use to weigh each item?

i)

- [A] kilograms
- [B] millilitres
- [C] centimetres
- [D] kilometres
- [E] not sure



ii)

- [A] millilitres
- [B] grams
- [C] centimetres
- [D] litres
- [E] not sure



2 Marks

END OF THE TEST

