SAMPEL PERCUMA

Cambridge Primary Maths Measurement Worksheets (Length, Mass, Capacity)

Set penuh: Cambridge Primary

Maths Year 1–6

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PRIMARY MATHEMATICS · PRACTICE WORKBOOK

Cambridge Primary Mathematics

Stage 2

Topic practice for Year 2 (ages 6–7)

- 15 topics across Number, Geometry & Measure, Statistics & Probability
- 149 original practice questions with pictures
- Numbers to 100, times tables 1, 2, 5, 10, money in RM and sen
- End-of-stage mixed test (27 marks)
- Full answer key with worked answers

Follows the Cambridge Primary Mathematics curriculum framework (0096), Stage 2.
Independent practice material — not an official Cambridge publication. All questions are original.
Metric units throughout; money in RM (ringgit) and sen.

Geometry and Measure 1Gg.02, 1Gg.04–1Gg.05, 1Gg.08

Topic 11: Length, mass, capacity and measuring

Remember

- Length: long, longer, longest · short, shorter, shortest · tall, taller, tallest.
- Mass: heavy, heavier · light, lighter.
- Capacity: full, empty, more, less.
- Tools: ruler (length), weighing scale (mass), measuring jug (capacity), thermometer (temperature).

1. Look at the ribbons.



(a) Which ribbon is the longest?
(b) Which ribbon is the shortest?

Answer: _____

2. Which is taller: a giraffe or a cat?

Answer: _____

3. Which is heavier: an elephant or a mouse?

Answer: _____

4. A bag of rice and a feather are put on a balance. Which side goes down?

Answer: _____

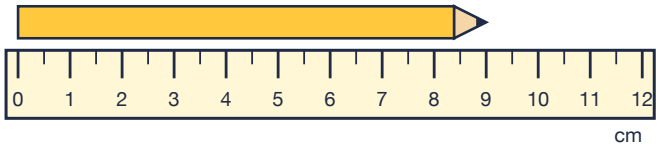
Geometry and Measure 2Gg.03–2Gg.04, 2Gg.06–2Gg.07, 2Gg.12

Topic 12: Length, mass, capacity and scales

Remember

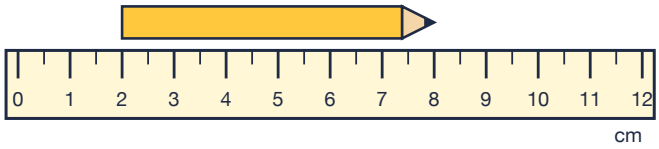
- Length in **centimetres (cm)** and **metres (m)**. Mass in **kilograms (kg)**. Capacity in **litres (l)**.
- Measure from 0 on the ruler.
- A scale is like a number line: the marks between the numbers have values too.

1. How long is the pencil?



Answer: _____

2. The crayon does not start at 0. How long is it?



Answer: _____

3. Would you measure it in cm or m?
   (a) the length of a classroom
   (b) the length of an eraser

Answer: _____

4. About how tall is a door?

   2 cm 2 m 20 m

Answer: _____

Geometry and Measure 3Gg.06–3Gg.07, 3Gg.11

Topic 12: Mass, capacity and temperature

Remember

- 1 kg = 1000 g · 1 l = 1000 ml.
- Read a scale carefully: work out what each small mark is worth.
- Temperature is measured in degrees Celsius (°C) with a thermometer.

1. Fill in.
   (a) 1 kg = _____ g
   (b) 2 kg 300 g = _____ g
   (c) 1500 g = _____ kg _____ g

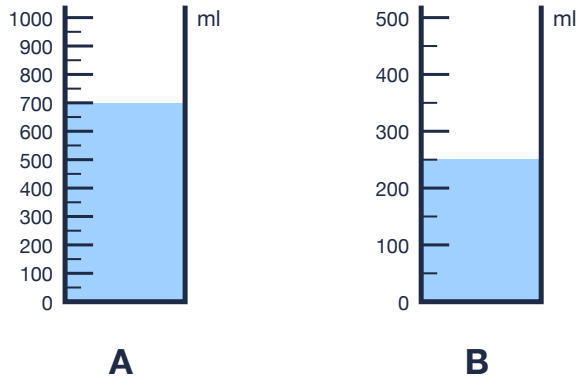
2. Fill in.
   (a) 1 l = _____ ml
   (b) 3 l = _____ ml
   (c) 750 ml + 250 ml = _____ l

3. What mass does the scale show?



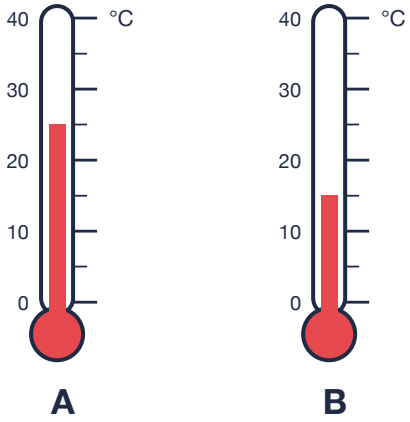
Answer: _____

4. How much water is in each jug?



Answer: _____

5. Read the thermometers.



Answer: _____

6. Which unit would you use?
   (a) mass of an apple
   (b) mass of a sack of rice
   (c) water in a bathtub
   (d) medicine in a spoon

   Answer: _____

7. Which instrument would you use to measure…
   (a) how hot the water is?
   (b) how heavy a parcel is?
   (c) how much juice is in a jug?

   Answer: _____

8. A bag has 2 kg of flour. Mum uses 750 g. How much flour is left?

   Answer: _____

9. A bottle holds 500 ml. How many bottles fill a 2 litre jug?

   Answer: _____

10. Which is heavier: 1 kg 50 g or 1500 g?

    Answer: _____

Geometry and Measure 4Gg.09 (with metric units)

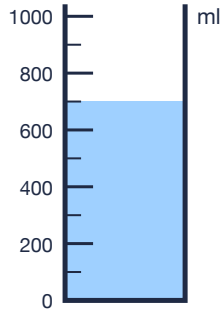
Topic 11: Measures and reading scales

Remember

- 10 mm = 1 cm · 100 cm = 1 m · 1000 m = 1 km · 1000 g = 1 kg · 1000 ml = 1 l
- On a scale, first work out what each small mark is worth. Halfway between 0 and 1 kg is $\frac{1}{2}$ kg = 500 g.

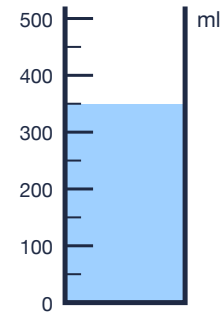
1. Convert.
   4 m = _____ cm 3 kg = _____ g 2 l = _____ ml
   50 mm = _____ cm 6000 m = _____ km

2. How much water is in this jug?



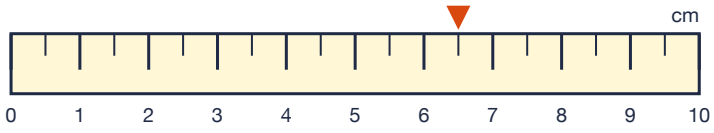
Answer: _____

3. How much juice is in this jug?



Answer: _____

4. How long is the arrow pointing at? Write your answer in cm and in mm.



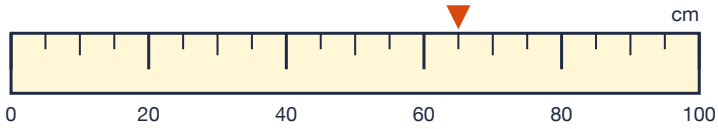
Answer: _____

5. What mass does this scale show? Write it in kg and in g.



Answer: _____

6. What length does the arrow show?



Answer: _____

7. Which unit would you use to measure …
   (a) the mass of an apple
   (b) the length of a football field
   (c) the water in a bath
   (d) the distance from Kuala Lumpur to Penang

   Answer: _____

8. A bottle holds $1\frac{1}{2}$ litres. How many millilitres is that?

   Answer: _____

9. One box of mangoes weighs 2 kg 300 g. Another weighs 1 kg 900 g. What is the total mass?

   Answer: _____

10. A ribbon is 3 m long. Lina cuts off 85 cm. How much ribbon is left?

    Answer: _____

11. A cup holds 250 ml. How many cups of water fill a 2 litre jug?

    Answer: _____

Topic 3: Multiplying and dividing

1	**2422**	300×7 = 2100, 40×7 = 280, 6×7 = 42 → 2422.
2	**1392**	58 × 20 = 1160, 58 × 4 = 232 → 1392.
3	**4572**	127 × 30 = 3810, 127 × 6 = 762 → 4572.
4	**estimate 8000; 7828**	412 × 20 = 8240; 8240 – 412 = 7828.
5	**216**	800÷4 = 200, 64÷4 = 16.
6	**187**	5 × 187 = 935.
7	**126 r 2**	6 × 126 = 756; 758 – 756 = 2.
8	**828**	36 × 20 = 720, 36 × 3 = 108 → 828.
9	**63 minibuses**	500 ÷ 8 = 62 r 4. The 4 extra children need one more bus, so round up.
10	**RM104**	900 ÷ 9 = 100, 36 ÷ 9 = 4.
11	**5 (254 × 3 = 762)**	762 ÷ 3 = 254.
12	**(a) 1176 (b) 42**	(a) 168 × 7 = 1176. (b) 168 ÷ 4 = 42.

Topic 4: Primes, factors, multiples and square numbers

1	**11, 13, 17, 19, 23, 29**	
2	**21 = 3 × 7**	It has more than two factors: 1, 3, 7, 21.
3	**No**	A prime has exactly two factors; 1 has only one factor.
4	**316 and 708**	Last two digits: 16 and 08 are multiples of 4; 22 and 34 are not.
5	**152, 584, 1000**	152 = 8 × 19, 584 = 8 × 73, 1000 = 8 × 125. 236 ÷ 8 = 29 r 4.
6	**36, 49, 64, 81**	6×6, 7×7, 8×8, 9×9.
7	**1×48, 2×24, 3×16, 4×12, 6×8**	
8	**12, 24, 36**	
9	**64**	Squares between 50 and 100: 64, 81. Only 64 is even.
10	**43**	Primes: 41, 43, 47. 43 = 42 + 1 and 42 = 6 × 7.
11	**Other even numbers have 2 as a factor**	Any even number bigger than 2 has at least three factors (1, 2 and itself), so it is not prime.

Topic 5: Decimals and place value

1	**3 ones, 4 tenths (0.4), 7 hundredths (0.07)**	
2	**(a) 0.3 (b) 0.45 (c) 2.06**	
3	**56, 80, 4.7, 0.35, 23 000, 64**	Move the digits, not the decimal point.
4	**4 + 0.3 + 0.08**	

TAMAT SAMPEL

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