

Measurement and Time

Mathematics · Class 2 · Topic-wise Practice Worksheet

TIME 35 minutes	QUESTIONS 15	TOTAL MARKS 18	MAX. SCORE ___ / 18
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Name: _____ Class/Sec: _____ Date: _____

INSTRUCTIONS

- There are **15 questions**. Answer all of them.
- Each question has four choices — (A), (B), (C) and (D). Only **one** is correct.
- Questions 1–12 carry **1 mark** each. Questions 13–15 carry **2 marks** each.
- There is no negative marking. Look at every picture carefully.

Section A — Length, Weight and Capacity

Q1–Q8 · 1 mark each

- 1 metre is equal to _____ centimetres.
 (A) 10 (B) 50
 (C) 100 (D) 1000
- 1 kilogram is equal to _____ grams.
 (A) 1000 (B) 100
 (C) 10 (D) 10,000
- Which unit would you use to measure the length of your classroom?
 (A) Grams (B) Metres
 (C) Litres (D) Hours
- Which unit would you use to measure milk in a jug?
 (A) Centimetres (B) Kilograms
 (C) Metres (D) Litres
- Which of these is the **heaviest**?
 (A) 2 kg of rice (B) 500 g of sugar
 (C) 250 g of tea (D) 900 g of salt

6. The ribbon in the picture is how many centimetres long?

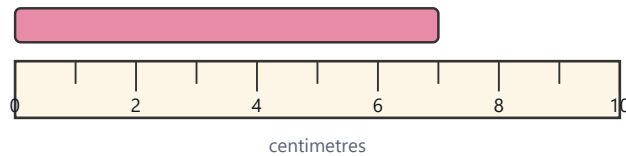


Fig. 6.1 — A ribbon lying on a ruler

(A) 5 cm

(B) 7 cm

(C) 6 cm

(D) 8 cm

7. How many minutes are there in one hour?

(A) 24

(B) 30

(C) 60

(D) 100

8. How many hours are there in one day?

(A) 7

(B) 12

(C) 24

(D) 60

Section B — Telling the Time

Q9–Q12 · 1 mark each

9. What time does the clock show?

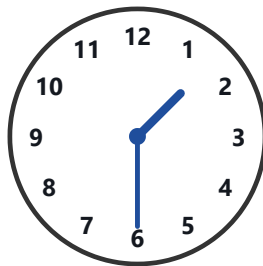


Fig. 9.1

(A) Half past 12

(B) 6 o'clock

(C) Half past 6

(D) Half past 1

10. School starts at 8 o'clock and ends at 2 o'clock. How long is the school day?

(A) 6 hours

(B) 5 hours

(C) 4 hours

(D) 10 hours

11. Which month has the **fewest** days?

(A) January

(B) February

(C) April

(D) December

12. A film starts at 4 o'clock and lasts 2 hours. At what time does it end?

(A) 2 o'clock

(B) 5 o'clock

(C) 8 o'clock

(D) 6 o'clock

- 13.** A rope is 3 m long. A piece 120 cm long is cut off. How much rope is left?
- (A) 180 cm (B) 117 cm
(C) 280 cm (D) 420 cm
- 14.** A jug holds 2 litres of juice. It is poured equally into 4 glasses. How much juice is in each glass?
- (A) 250 ml (B) 500 ml
(C) 400 ml (D) 800 ml
- 15.** Rahul's bag weighs 2 kg 500 g and his lunch box weighs 750 g. What is the total weight?
- (A) 2 kg 750 g (B) 3 kg 750 g
(C) 3 kg 250 g (D) 2 kg 250 g

Answer Key

1	C	2	A	3	B	4	D	5	A
6	B	7	C	8	C	9	D	10	A
11	B	12	D	13	A	14	B	15	C

Solutions

1. Answer: (C) 100

1 metre = **100** centimetres. We write metre as m and centimetre as cm.

2. Answer: (A) 1000

1 kilogram = **1000** grams. We write kilogram as kg and gram as g.

3. Answer: (B) Metres

Length is measured in **metres** or centimetres. Grams measure weight, litres measure liquid and hours measure time.

4. Answer: (D) Litres

The amount a container holds is measured in **litres** and millilitres.

5. Answer: (A) 2 kg of rice

Change everything to grams: 2 kg = 2000 g, and the others are 500 g, 250 g and 900 g. The heaviest is **2 kg of rice**.

6. Answer: (B) 7 cm

The ribbon starts at 0 and ends level with the mark just after 6. Reading the scale, that mark is **7 cm**.

7. Answer: (C) 60

One hour = **60** minutes.

8. Answer: (C) 24

One day = **24** hours, counting both day time and night time.

9. Answer: (D) Half past 1

The long minute hand points to 6, which always means 'half past'. The short hour hand has moved past 1 but has not yet reached 2, so the hour is 1. The time is **half past 1**, also written 1:30.

10. Answer: (A) 6 hours

Count on from 8 to 2 o'clock: 9, 10, 11, 12, 1, 2 — that is **6 hours**.

11. Answer: (B) February

February has only 28 days (29 in a leap year). April has 30, and January and December have 31 each.

12. Answer: (D) 6 o'clock

Count on 2 hours from 4 o'clock: 5, **6 o'clock**.

13. Answer: (A) 180 cm

First change to the same unit: 3 m = 300 cm.

$300 - 120 = \mathbf{180\text{ cm}}$ (which is 1 m 80 cm).

14. Answer: (B) 500 ml

2 litres = 2000 millilitres.

Sharing equally between 4 glasses: $2000 \div 4 = \mathbf{500\text{ ml}}$ in each glass.

15. Answer: (C) 3 kg 250 g

Change to grams: 2 kg 500 g = 2500 g.

$2500 + 750 = 3250$ g.

Now change back: 3250 g = **3 kg 250 g**.