5.9 Measuring Length in cm and m: Test Pack

STA NC-KS1-MATHS-STA · Calculators not allowed · about 55 minutes

Name: _____ Date: ____ / ____ / _____

Answer ALL questions. Show all your working.

1 Choose the best unit. How would you measure the length of a pencil?

Circle: mm cm m

- ☐ mm
- ☐ cm
- ☐ m

---

2 A stick is 98 cm long. A ribbon is 11 cm long. Which is shorter?

Answer: ___

(1)

---

3 A leaf is placed on a ruler. One end is at 0 cm and the other end is at 3 cm.

How long is the leaf?

Answer: ___ cm

(1)

© Revision Library | revisionlibrary.co.uk

4 Choose which measure is bigger. A ribbon is 120 cm. A stick is 1 m.

Which is longer? Write ribbon or stick.

(1)

---

5 Which unit would you use to measure how much water is in a bath?

Choose from: litres or millilitres.

Answer: ___

(1)

---

6 A ribbon is 32 cm long. A scarf is 82 cm long. Which is shorter?

Answer: ___

(1)

---

7 A ribbon is 55 cm long. A rope is 52 cm long. Which is longer?

Answer: ___

(1)

© Revision Library | revisionlibrary.co.uk

8 A ruler has marks at 0, 5, 10, 15, 20 and 25 cm. The pointer is exactly on the mark for 15.

What is the reading?

Answer: ___ cm

(1)

---

9 A stick is placed on a ruler. One end is at 0 cm and the other end is at 22 cm.

How long is the stick?

Answer: ___ cm

(1)

---

10 A leaf is placed on a ruler. One end is at 0 cm and the other end is at 23 cm.

How long is the leaf?

Answer: ___ cm

(1)

© Revision Library | revisionlibrary.co.uk

11 A leaf is placed on a ruler. One end is at 4 cm and the other end is at 22 cm.

How long is the leaf?

Answer: ___ cm

(2)

---

12 I have a ribbon 75 cm long. I cut off 25 cm.

How much ribbon is left? Answer in cm.

(1)

---

13 A leaf is placed on a ruler. One end is at 4 cm and the other end is at 30 cm.

How long is the leaf?

Answer: ___ cm

(2)

© Revision Library | revisionlibrary.co.uk

14 A ribbon is placed on a ruler. One end is at 0 cm and the other end is at 5 cm.

How long is the ribbon?

Answer: ___ cm

(1)

---

15 A ruler is 9 cm long. A rope is 57 cm long. Which is shorter?

Answer: ___

(1)

---

16 Complete. 100 cm is the same as 1 m. True or False?

(1)

---

17 A leaf is placed on a ruler. One end is at 4 cm and the other end is at 17 cm.

How long is the leaf?

Answer: ___ cm

(2)

© Revision Library | revisionlibrary.co.uk

18 A scarf is 39 cm long. A book is 13 cm long. Which is shorter?

Answer: ___

(1)

---

19 A leaf is placed on a ruler. One end is at 0 cm and the other end is at 29 cm.

How long is the leaf?

Answer: ___ cm

(1)

---

20 A ribbon is 36 cm long. A book is 81 cm long. Which is longer?

Answer: ___

(1)

---

21 A toy snake is placed on a ruler. One end is at 2 cm and the other end is at 23 cm.

How long is the toy snake?

Answer: ___ cm

(2)

© Revision Library | revisionlibrary.co.uk

22 A ruler is 73 cm long. A book is 94 cm long. Which is longer?

Answer: ___

(1)

---

23 How much longer? A toy snake is 22 cm long. A toy frog is 17 cm long.

Work out how many centimetres longer the snake is than the frog.

Answer: ___ cm

(1)

---

24 A crayon is placed on a ruler. One end is at 2 cm and the other end is at 15 cm.

How long is the crayon?

Answer: ___ cm

(2)

---

25 Fill in the blank. A ribbon is 1 m long. This is ___ centimetres.

Answer: ___ cm

(1)

© Revision Library | revisionlibrary.co.uk

26 A leaf is placed on a ruler. One end is at 2 cm and the other end is at 15 cm.

How long is the leaf?

Answer: ___ cm

(2)

---

27 A ruler is 87 cm long. A book is 47 cm long. Which is longer?

Answer: ___

(1)

---

28 Sam measures a book. He finds it is 24 cm.

Complete the sentence. The book is shorter than 1 m. True or False?

(1)

---

29 A ribbon is 78 cm long. A rope is 53 cm long. How much longer is the longer one?

Answer: ___ cm

(1)

© Revision Library | revisionlibrary.co.uk

30 A stick is placed on a ruler. One end is at 3 cm and the other end is at 22 cm.

How long is the stick?

Answer: ___ cm

(2)

---

31 A ruler is 35 cm long. A ribbon is 76 cm long. Which is longer?

Answer: ___

(1)

---

32 Which unit would you use to measure the weight of a grape?

Choose from: grams or kilograms.

Answer: ___

(1)

© Revision Library | revisionlibrary.co.uk

Mark scheme · 5.9 Measuring Length in cm and m: Test Pack

Question 1

cm chosen cao — B1

Answer: **cm**

Question 2

ribbon cao — B1

Answer: **ribbon**

Question 3

3 cm cao — B1

Answer: **3 cm**

Question 4

ribbon cao (120 cm > 100 cm) — B1

Answer: **ribbon**

Question 5

litres cao — B1

Answer: **litres**

Question 6

ribbon cao — B1

Answer: **ribbon**

Question 7

ribbon cao — B1

Answer: **ribbon**

Question 8

15 cm cao — B1

Answer: **15 cm**

Question 9

22 cm cao — B1

Answer: **22 cm**

Question 10

23 cm cao — B1

Answer: **23 cm**

Question 11

22 - 4 — M1

18 cm cao — A1

Answer: **18 cm**

Question 12

75 - 25 = 50 cm cao — B1

Answer: **50**

Question 13

30 - 4 — M1

26 cm cao — A1

Answer: **26 cm**

Question 14

5 cm cao — B1

Answer: **5 cm**

Question 15

ruler cao — B1

Answer: **ruler**

Question 16

True cao — B1

Answer: **True**

Question 17

17 - 4 — M1

13 cm cao — A1

Answer: **13 cm**

Question 18

book cao — B1

Answer: **book**

Question 19

29 cm cao — B1

Answer: **29 cm**

Question 20

book cao — B1

Answer: **book**

Question 21

23 - 2 — M1

21 cm cao — A1

Answer: **21 cm**

Question 22

book cao — B1

Answer: **book**

Question 23

22 - 17 = 5 cm cao — B1

Answer: **5**

Question 24

15 - 2 — M1

13 cm cao — A1

Answer: **13 cm**

Question 25

100 cm cao — B1

Answer: **100**

Question 26

15 - 2 — M1

13 cm cao — A1

Answer: **13 cm**

Question 27

ruler cao — B1

Answer: **ruler**

© Revision Library | revisionlibrary.co.uk

Question 28

True cao **B1**

Answer: **True**

Question 29

25 cm cao **B1**

Answer: **25 cm**

Question 30

22 - 3 **M1**

19 cm cao **A1**

Answer: **19 cm**

Question 31

ribbon cao **B1**

Answer: **ribbon**

Question 32

grams cao **B1**

Answer: **grams**

© Revision Library | revisionlibrary.co.uk