5.9 Measuring Length in cm and m: 1-hour Pack

STA NC-KS1-MATHS-STA · Calculators not allowed · about 60 minutes

Name: _____ Date: ____ / ____ / _____

Answer ALL questions. Show all your working.

1 A ruler has marks at 6, 8, 10, 12, 14 and 16 cm. The pointer is halfway between 6 and 8.

What is the reading?

Answer: ___ cm

(1)

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2 A pencil is 56 cm long. A rope is 51 cm long. Which is longer?

Answer: ___

(1)

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3 Measure in metres or centimetres. A classroom door is about 2 m high.

Which unit is best? Write m or cm.

(1)

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4 A stick is 3 cm long. A pencil is 90 cm long. They are put end to end. How long are they together?

Answer: ___ cm

(1)

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5 A stick is placed on a ruler. One end is at 0 cm and the other end is at 4 cm.

How long is the stick?

Answer: ___ cm

(1)

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6 A rope is 92 cm long. A stick is 39 cm long. Which is longer?

Answer: ___

(1)

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7 A stick is 25 cm long. A ribbon is 43 cm long. They are put end to end. How long are they together?

Answer: ___ cm

(1)

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8 A rope is 95 cm long. A ribbon is 85 cm long. They are put end to end. How long are they together?

Answer: ___ cm

(1)

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9 A rope is 58 cm long. A rod is 15 cm long. Which is shorter?

Answer: ___

(1)

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10 A rope is 93 cm long. A rod is 48 cm long. Which is longer?

Answer: ___

(1)

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11 A leaf is placed on a ruler. One end is at 0 cm and the other end is at 8 cm.

How long is the leaf?

Answer: ___ cm

(1)

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12 Two pieces of string are cut. One is 60 cm and one is 40 cm.

How long are they together in metres and centimetres? Write like this: 1 m 0 cm

(2)

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

How long is the stick?

Answer: ___ cm

(1)

---

14 A ribbon is 2 cm long. A pencil is 45 cm long. Which is longer?

Answer: ___

(1)

---

15 A pencil is placed on a ruler. One end is at 3 cm and the other end is at 28 cm.

How long is the pencil?

Answer: ___ cm

(2)

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16 A rod is 70 cm long. A ruler is 71 cm long. They are put end to end. How long are they together?

Answer: ___ cm

(1)

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17 A stick is 69 cm long. A ruler is 26 cm long. They are put end to end. How long are they together?

Answer: ___ cm

(1)

---

18 A pencil is 24 cm long. A rod is 97 cm long. Which is shorter?

Answer: ___

(1)

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19 A stick is 46 cm long. A book is 97 cm long. How much longer is the longer one?

Answer: ___ cm

(1)

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20 A ruler is 36 cm long. A rod is 95 cm long. Which is shorter?

Answer: ___

(1)

---

21 A pencil is placed on a ruler. One end is at 2 cm and the other end is at 16 cm.

How long is the pencil?

Answer: ___ cm

(2)

---

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

How long is the paper strip?

Answer: ___ cm

(1)

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23 A paper strip is placed on a ruler. One end is at 0 cm and the other end is at 21 cm.

How long is the paper strip?

Answer: ___ cm

(1)

---

24 A ruler has marks at 3, 4, 5, 6, 7 and 8 cm. The pointer is exactly on the mark for 5.

What is the reading?

Answer: ___ cm

(1)

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25 A scarf is 7 cm long. A rope is 16 cm long. Which is shorter?

Answer: ___

(1)

---

26 A rod is 70 cm long. A ribbon is 35 cm long. How much longer is the longer one?

Answer: ___ cm

(1)

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27 A pencil is 32 cm long. A stick is 2 cm long. They are put end to end. How long are they together?

Answer: ___ cm

(1)

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28 A paper strip is placed on a ruler. One end is at 0 cm and the other end is at 26 cm.

How long is the paper strip?

Answer: ___ cm

(1)

---

29 A book is 85 cm long. A stick is 57 cm long. How much longer is the longer one?

Answer: ___ cm

(1)

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30 A rope is 22 cm long. A scarf is 58 cm long. How much longer is the longer one?

Answer: ___ cm

(1)

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31 A ruler is 94 cm long. A book is 64 cm long. Which is shorter?

Answer: ___

(1)

---

32 A ruler is 68 cm long. A scarf is 11 cm long. How much longer is the longer one?

Answer: ___ cm

(1)

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33 A paper strip is placed on a ruler. One end is at 4 cm and the other end is at 24 cm.

How long is the paper strip?

Answer: ___ cm

(2)

---

34 Two jumps are measured. One is 30 cm and one is 25 cm.

How far did the child jump in total? Answer: ___ cm

(1)

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35 A book is 44 cm long. A stick is 51 cm long. They are put end to end. How long are they together?

Answer: ___ cm

(1)

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36 A leaf is placed on a ruler. One end is at 0 cm and the other end is at 18 cm.

How long is the leaf?

Answer: ___ cm

(1)

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37 A ribbon is placed on a ruler. One end is at 3 cm and the other end is at 29 cm.

How long is the ribbon?

Answer: ___ cm

(2)

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38 Which unit would you use to measure the weight of a bag of potatoes?

Choose from: kilograms or grams.

Answer: ___

(1)

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Mark scheme · 5.9 Measuring Length in cm and m: 1-hour Pack

Question 1

7 cm cao — B1

Answer: **7 cm**

Question 2

pencil cao — B1

Answer: **pencil**

Question 3

m chosen cao — B1

Answer: **m**

Question 4

93 cm cao — B1

Answer: **93 cm**

Question 5

4 cm cao — B1

Answer: **4 cm**

Question 6

rope cao — B1

Answer: **rope**

Question 7

68 cm cao — B1

Answer: **68 cm**

Question 8

180 cm cao — B1

Answer: **180 cm**

Question 9

rod cao — B1

Answer: **rod**

Question 10

rope cao — B1

Answer: **rope**

Question 11

8 cm cao — B1

Answer: **8 cm**

Question 12

60 + 40 = 100 cm — B1

100 cm = 1 m 0 cm cao — B1

Answer: **1 m 0 cm**

Question 13

10 cm cao — B1

Answer: **10 cm**

Question 14

pencil cao — B1

Answer: **pencil**

Question 15

28 - 3 — M1

25 cm cao — A1

Answer: **25 cm**

Question 16

141 cm cao — B1

Answer: **141 cm**

Question 17

95 cm cao — B1

Answer: **95 cm**

Question 18

pencil cao — B1

Answer: **pencil**

Question 19

51 cm cao — B1

Answer: **51 cm**

Question 20

ruler cao — B1

Answer: **ruler**

Question 21

16 - 2 — M1

14 cm cao — A1

Answer: **14 cm**

Question 22

9 cm cao — B1

Answer: **9 cm**

Question 23

21 cm cao — B1

Answer: **21 cm**

Question 24

5 cm cao — B1

Answer: **5 cm**

Question 25

scarf cao — B1

Answer: **scarf**

Question 26

35 cm cao — B1

Answer: **35 cm**

Question 27

34 cm cao — B1

Answer: **34 cm**

Question 28

26 cm cao — B1

Answer: **26 cm**

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Question 29

28 cm cao **B1**

Answer: **28 cm**

Question 30

36 cm cao **B1**

Answer: **36 cm**

Question 31

book cao **B1**

Answer: **book**

Question 32

57 cm cao **B1**

Answer: **57 cm**

Question 33

24 - 4 **M1**

20 cm cao **A1**

Answer: **20 cm**

Question 34

30 + 25 = 55 cm cao **B1**

Answer: **55**

Question 35

95 cm cao **B1**

Answer: **95 cm**

Question 36

18 cm cao **B1**

Answer: **18 cm**

Question 37

29 - 3 **M1**

26 cm cao **A1**

Answer: **26 cm**

Question 38

kilograms cao **B1**

Answer: **kilograms**

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