5.5 Measuring Length and Height: 1-hour Pack

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

Name: _____ Date: ____ / ____ / _____

Answer ALL questions. Show all your working.

1 Which unit would you use to measure the weight of a pupil?

Choose from: kilograms or grams.

Answer: ___

(1)

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2 A stick is 8 cm long. A scarf is 25 cm long. Which is shorter?

Answer: ___

(1)

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

How long is the pencil?

Answer: ___ cm

(1)

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4 A ruler has marks at 4, 6, 8, 10, 12 and 14 cm. The pointer is exactly on the mark for 12.

What is the reading?

Answer: ___ cm

(1)

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5 A stick is 28 cm long. A scarf is 17 cm long. How much longer is the longer one?

Answer: ___ cm

(1)

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6 Which unit would you use to measure how long it takes to brush your teeth?

Choose from: minutes or hours.

Answer: ___

(1)

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7 A scarf is 7 cm long. A stick is 3 cm long. Which is longer?

Answer: ___

(1)

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8 Which unit would you use to measure how much juice is in a small cup?

Choose from: millilitres or litres.

Answer: ___

(1)

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9 A pencil is 2 cm long. A rope is 15 cm long. How much longer is the longer one?

Answer: ___ cm

(1)

---

10 A pencil is 9 cm. A rubber is 3 cm.

How many times longer is the pencil than the rubber? Write a number.

Answer: ___



9 cm



3 cm

(1)

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11 A scarf is 7 cm long. A stick is 6 cm long. How much longer is the longer one?

Answer: ___ cm

(1)

---

12 Which unit would you use to measure how much water is in a large bucket?

Choose from: millilitres or litres.

Answer: ___

(1)

---

13 Which unit would you use to measure the length of a classroom?

Choose from: metres or centimetres.

Answer: ___

(1)

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14 Which unit would you use to measure how long a holiday flight takes?

Choose from: minutes or hours.

Answer: ___

(1)

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15 Which unit would you use to measure the height of a tree?

Choose from: metres or centimetres.

Answer: ___

(1)

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

How long is the crayon?

Answer: ___ cm

(1)

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17 A pencil is 22 cm long. A book is 28 cm long. How much longer is the longer one?

Answer: ___ cm

(1)

---

18 A ribbon is 23 cm long. A scarf is 15 cm long. Which is longer?

Answer: ___

(1)

---

19 A toy snake is placed on a ruler. One end is at 0 cm and the other end is at 10 cm.

How long is the toy snake?

Answer: ___ cm

(1)

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20 A ruler has marks at 0, 10, 20, 30, 40 and 50 cm. The pointer is halfway between 0 and 10.

What is the reading?

Answer: ___ cm

(1)

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21 A leaf is placed on a ruler. One end is at 4 cm and the other end is at 14 cm.

How long is the leaf?

Answer: ___ cm

(2)

---

22 Which unit would you use to measure the weight of a pupil?

Choose from: grams or kilograms.

Answer: ___

(1)

---

23 A ruler has marks at 6, 8, 10, 12, 14 and 16 cm. The pointer is exactly on the mark for 12.

What is the reading?

Answer: ___ cm

(1)

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24 A book is 20 cm long. A ribbon is 26 cm long. Which is shorter?

Answer: ___

(1)

---

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

What is the reading?

Answer: ___ cm

(1)

---

26 A rope is 15 cm long. A stick is 25 cm long. How much longer is the longer one?

Answer: ___ cm

(1)

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27 Which unit would you use to measure the length of a football pitch?

Choose from: centimetres or metres.

Answer: ___

(1)

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28 A pencil is placed on a ruler. One end is at 3 cm and the other end is at 10 cm.

How long is the pencil?

Answer: ___ cm

(2)

---

29 Which unit would you use to measure the length of a crayon?

Choose from: metres or centimetres.

Answer: ___

(1)

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

How long is the stick?

Answer: ___ cm

(1)

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

How long is the leaf?

Answer: ___ cm

(1)

---

32 A paper strip is placed on a ruler. One end is at 0 cm and the other end is at 8 cm.

How long is the paper strip?

Answer: ___ cm

(1)

---

33 A rope is 25 cm long. A scarf is 5 cm long. Which is longer?

Answer: ___

(1)

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34 A paper strip is placed on a ruler. One end is at 0 cm and the other end is at 18 cm.

How long is the paper strip?

Answer: ___ cm

(1)

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

How long is the stick?

Answer: ___ cm

(1)

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36 There are two frogs. One frog is 4 cm tall. The other frog is 4 cm tall too.

Are the frogs the same height? Write yes or no.

Answer: ___



4 cm 4 cm

(1)

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37 Which unit would you use to measure how much water is in a large bucket?

Choose from: litres or millilitres.

Answer: ___

(1)

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

How long is the crayon?

Answer: ___ cm

(1)

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39 A ruler is 12 cm long. A pencil is 4 cm long. They are put end to end. How long are they together?

Answer: ___ cm

(1)

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40 A rod is 19 cm long. A pencil is 17 cm long. They are put end to end. How long are they together?

Answer: ___ cm

(1)

---

41 A ruler has marks at 2, 3, 4, 5, 6 and 7 cm. The pointer is exactly on the mark for 3.

What is the reading?

Answer: ___ cm

(1)

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Mark scheme · 5.5 Measuring Length and Height: 1-hour Pack

Question 1

kilograms cao — B1

Answer: **kilograms**

Question 2

stick cao — B1

Answer: **stick**

Question 3

13 cm cao — B1

Answer: **13 cm**

Question 4

12 cm cao — B1

Answer: **12 cm**

Question 5

11 cm cao — B1

Answer: **11 cm**

Question 6

minutes cao — B1

Answer: **minutes**

Question 7

scarf cao — B1

Answer: **scarf**

Question 8

millilitres cao — B1

Answer: **millilitres**

Question 9

13 cm cao — B1

Answer: **13 cm**

Question 10

3 cao — B1

Answer: **3**

Question 11

1 cm cao — B1

Answer: **1 cm**

Question 12

litres cao — B1

Answer: **litres**

Question 13

metres cao — B1

Answer: **metres**

Question 14

hours cao — B1

Answer: **hours**

Question 15

metres cao — B1

Answer: **metres**

Question 16

5 cm cao — B1

Answer: **5 cm**

Question 17

6 cm cao — B1

Answer: **6 cm**

Question 18

ribbon cao — B1

Answer: **ribbon**

Question 19

10 cm cao — B1

Answer: **10 cm**

Question 20

5 cm cao — B1

Answer: **5 cm**

Question 21

14 - 4 — M1

10 cm cao — A1

Answer: **10 cm**

Question 22

kilograms cao — B1

Answer: **kilograms**

Question 23

12 cm cao — B1

Answer: **12 cm**

Question 24

book cao — B1

Answer: **book**

Question 25

6 cm cao — B1

Answer: **6 cm**

Question 26

10 cm cao — B1

Answer: **10 cm**

Question 27

metres cao — B1

Answer: **metres**

Question 28

10 - 3 — M1

7 cm cao — A1

Answer: **7 cm**

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Question 29

centimetres cao **B1**

Answer: **centimetres**

Question 30

14 cm cao **B1**

Answer: **14 cm**

Question 31

14 cm cao **B1**

Answer: **14 cm**

Question 32

8 cm cao **B1**

Answer: **8 cm**

Question 33

rope cao **B1**

Answer: **rope**

Question 34

18 cm cao **B1**

Answer: **18 cm**

Question 35

3 cm cao **B1**

Answer: **3 cm**

Question 36

yes cao **B1**

Answer: **yes**

Question 37

litres cao **B1**

Answer: **litres**

Question 38

10 cm cao **B1**

Answer: **10 cm**

Question 39

16 cm cao **B1**

Answer: **16 cm**

Question 40

36 cm cao **B1**

Answer: **36 cm**

Question 41

3 cm cao **B1**

Answer: **3 cm**

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