5.4 Measurement: Length, Mass and Capacity: 1-hour Pack

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

Name: _____ Date: ____ / ____ / _____

Answer ALL questions. Show all your working.

1 One box holds 8 litres. Another holds 1 litres. What is the difference?

Answer: ___ litres

(1)

---

2 A stick is 14 cm long. A rope is 27 cm long. Which is shorter?

Answer: ___

(1)

---

3 A kitchen scale has marks at 0, 1, 2, 3, 4 and 5 kg. The pointer is exactly on the mark for 2.

What is the reading?

Answer: ___ kg

(1)

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4 A packet of raisins weighs 90 g. Tom uses 35 g of the raisins to bake a cake. Work out how much is left. Give your answer in grams.

(2)

---

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

How long is the pencil?

Answer: ___ cm

(1)

---

6 A stick is 9 cm long. A scarf is 18 cm long. Which is shorter?

Answer: ___

(1)

---

7 A paper strip is placed on a ruler. One end is at 3 cm and the other end is at 7 cm.

How long is the paper strip?

Answer: ___ cm

(2)

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8 A thermometer shows 8 degrees. The temperature goes down by 3 degrees. What does it show now?

Answer: ___ degrees

(1)

---

9 One box weighs 28 kg. Another weighs 15 kg. What is the difference?

Answer: ___ kg

(1)

---

10 A paper strip is placed on a ruler. One end is at 0 cm and the other end is at 11 cm.

How long is the paper strip?

Answer: ___ cm

(1)

---

11 A rope is 5 cm long. A ruler is 9 cm long. How much longer is the longer one?

Answer: ___ cm

(1)

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12 A ribbon is placed on a ruler. One end is at 0 cm and the other end is at 20 cm.

How long is the ribbon?

Answer: ___ cm

(1)

---

13 A small carton holds 92 ml of juice. Priya pours out 65 ml of the juice. Work out how much juice is left in the carton. Give your answer in millilitres.

(2)

---

14 A toy snake is placed on a ruler. One end is at 0 cm and the other end is at 20 cm.

How long is the toy snake?

Answer: ___ cm

(1)

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15 A kitchen scale has marks at 10, 20, 30, 40, 50 and 60 kg. The pointer is exactly on the mark for 30.

What is the reading?

Answer: ___ kg

(1)

---

16 A jug holds 90 ml of squash. Sunita pours 10 ml of squash into each of 5 cups. Work out how much squash is left in the jug. Give your answer in millilitres.

(3)

---

17 A thermometer shows 22 degrees. The temperature goes down by 5 degrees. What does it show now?

Answer: ___ degrees

(1)

---

18 A measuring jug has marks at 100, 200, 300, 400, 500 and 600 ml. The pointer is exactly on the mark for 200.

What is the reading?

Answer: ___ ml

(1)

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19 A stick is 5 cm long. A ruler is 6 cm long. Which is longer?

Answer: ___

(1)

---

20 A box holds 1 litres and a bag holds 9 litres. Which is more? Write box or bag.

Answer: ___

(1)

---

21 A kitchen scale has marks at 10, 15, 20, 25, 30 and 35 kg. The pointer is exactly on the mark for 20.

What is the reading?

Answer: ___ kg

(1)

---

22 On Thursday the temperature was 8 degrees. On Tuesday it was 17 degrees. Which day was colder?

Answer: ___

(1)

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23 One box weighs 29 kg. Another weighs 6 kg. What is the difference?

Answer: ___ kg

(1)

---

24 A box holds 16 litres and a bag holds 6 litres. Which is more? Write box or bag.

Answer: ___

(1)

---

25 One box holds 11 litres. Another holds 4 litres. What is the difference?

Answer: ___ litres

(1)

---

26 Cup A is filled using 4 spoonfuls of water. Cup B is filled using 6 spoonfuls of water. Write the letter of the cup that holds more water.

(1)

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27 On Monday the temperature was 31 degrees. On Wednesday it was 2 degrees. Which day was warmer?

Answer: ___

(1)

---

28 A box weighs 6 kg and a bag weighs 29 kg. Which is heavier? Write box or bag.

Answer: ___

(1)

---

29 A kitchen scale has marks at 2, 4, 6, 8, 10 and 12 kg. The pointer is halfway between 4 and 6.

What is the reading?

Answer: ___ kg

(1)

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30 A toy snake is placed on a ruler. One end is at 0 cm and the other end is at 15 cm.

How long is the toy snake?

Answer: ___ cm

(1)

---

31 A measuring jug has marks at 0, 50, 100, 150, 200 and 250 ml. The pointer is exactly on the mark for 100.

What is the reading?

Answer: ___ ml

(1)

---

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

How long is the crayon?

Answer: ___ cm

(1)

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33 A box weighs 29 kg and a bag weighs 17 kg. Which is heavier? Write box or bag.

Answer: ___

(1)

---

34 One box weighs 24 kg. Another weighs 21 kg. What is the difference?

Answer: ___ kg

(1)

---

35 A jug of juice holds 2 litres. How many litres do 4 of them hold altogether?

Answer: ___ litres

(1)

---

36 On Wednesday the temperature was 28 degrees. On Friday it was 32 degrees. Which day was colder?

Answer: ___

(1)

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37 One box weighs 13 kg. Another weighs 7 kg. What is the difference?

Answer: ___ kg

(1)

---

38 A kitchen scale has marks at 6, 8, 10, 12, 14 and 16 kg. The pointer is halfway between 12 and 14.

What is the reading?

Answer: ___ kg

(1)

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Mark scheme · 5.4 Measurement: Length, Mass and Capacity: 1-hour Pack

Question 1

7 litres cao — **B1**

Answer: **7 litres**

Question 2

stick cao — **B1**

Answer: **stick**

Question 3

2 kg cao — **B1**

Answer: **2 kg**

Question 4

correct subtraction set up, 90 - 35 oe — **M1**

55 g cao — **A1**

Answer: **55 g**

Question 5

3 cm cao — **B1**

Answer: **3 cm**

Question 6

stick cao — **B1**

Answer: **stick**

Question 7

7 - 3 — **M1**

4 cm cao — **A1**

Answer: **4 cm**

Question 8

5 degrees cao — **B1**

Answer: **5 degrees**

Question 9

13 kg cao — **B1**

Answer: **13 kg**

Question 10

11 cm cao — **B1**

Answer: **11 cm**

Question 11

4 cm cao — **B1**

Answer: **4 cm**

Question 12

20 cm cao — **B1**

Answer: **20 cm**

Question 13

correct subtraction set up, 92 - 65 oe — **M1**

27 ml cao — **A1**

Answer: **27 ml**

Question 14

20 cm cao — **B1**

Answer: **20 cm**

Question 15

30 kg cao — **B1**

Answer: **30 kg**

Question 16

total squash poured found, 10 x 5 = 50 ml oe — **M1**

subtraction from 90 attempted, dep on a multiplication attempt oe — **M1**

40 ml cao, ft their 50 if the method is correct — **A1**

Answer: **40 ml**

Question 17

17 degrees cao — **B1**

Answer: **17 degrees**

Question 18

200 ml cao — **B1**

Answer: **200 ml**

Question 19

ruler cao — **B1**

Answer: **ruler**

Question 20

bag cao — **B1**

Answer: **bag**

Question 21

20 kg cao — **B1**

Answer: **20 kg**

Question 22

Thursday cao — **B1**

Answer: **Thursday**

Question 23

23 kg cao — **B1**

Answer: **23 kg**

Question 24

box cao — **B1**

Answer: **box**

Question 25

7 litres cao — **B1**

Answer: **7 litres**

Question 26

Cup B cao, since 6 > 4 oe — **B1**

Answer: **Cup B**

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Question 27

Monday cao **B1**

Answer: **Monday**

Question 28

bag cao **B1**

Answer: **bag**

Question 29

5 kg cao **B1**

Answer: **5 kg**

Question 30

15 cm cao **B1**

Answer: **15 cm**

Question 31

100 ml cao **B1**

Answer: **100 ml**

Question 32

16 cm cao **B1**

Answer: **16 cm**

Question 33

box cao **B1**

Answer: **box**

Question 34

3 kg cao **B1**

Answer: **3 kg**

Question 35

8 litres cao **B1**

Answer: **8 litres**

Question 36

Wednesday cao **B1**

Answer: **Wednesday**

Question 37

6 kg cao **B1**

Answer: **6 kg**

Question 38

13 kg cao **B1**

Answer: **13 kg**

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