5.10 Mass, Capacity and Temperature: 1-hour Pack

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

Name: _____ Date: ____ / ____ / _____

Answer ALL questions. Show all your working.

1 On Wednesday the temperature was 32 degrees. On Tuesday it was 27 degrees. Which day was warmer?

Answer: ___

(1)

2 On Thursday the temperature was 16 degrees. On Monday it was 6 degrees. Which day was warmer?

Answer: ___

(1)

3 A kitchen scale has marks at 30, 40, 50, 60, 70 and 80 kg. The pointer is halfway between 70 and 80.

What is the reading?

Answer: ___ kg

(1)

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4 A box of books weighs 3 kg. How many kg do 3 of them weigh altogether?

Answer: ___ kg

(1)

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5 On Thursday the temperature was 17 degrees. On Monday it was 29 degrees. Which day was warmer?

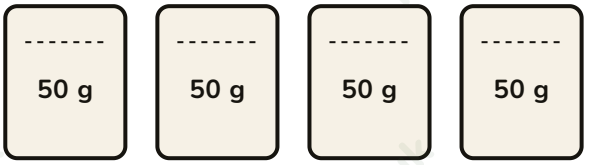
Answer: ___

(1)

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6 A packet says 50 g. Four packets have this mass. What is the total mass of the 4 packets?

Answer: ___ g



(1)

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7 A measuring jug has marks at 50, 100, 150, 200, 250 and 300 ml. The pointer is halfway between 50 and 100.

What is the reading?

Answer: ___ ml

(1)

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8 A thermometer shows 25 degrees. The temperature goes down by 6 degrees. What does it show now?

Answer: ___ degrees

(1)

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9 A kitchen scale has marks at 1, 2, 3, 4, 5 and 6 kg. The pointer is exactly on the mark for 4.

What is the reading?

Answer: ___ kg

(1)

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10 A thermometer shows 21 degrees. The temperature goes up by 3 degrees. What does it show now?

Answer: ___ degrees

(1)

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11 One box weighs 14 kg. Another weighs 3 kg. What is the difference?

Answer: ___ kg

(1)

---

12 A measuring jug has marks at 600, 800, 1000, 1200, 1400 and 1600 ml. The pointer is exactly on the mark for 1200.

What is the reading?

Answer: ___ ml

(1)

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13 On Wednesday the temperature was 16 degrees. On Thursday it was 0 degrees. Which day was warmer?

Answer: ___

(1)

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14 On Thursday the temperature was 14 degrees. On Monday it was 25 degrees. Which day was warmer?

Answer: ___

(1)

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15 A thermometer shows 20 degrees. The temperature goes up by 3 degrees. What does it show now?

Answer: ___ degrees

(1)

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16 A kitchen scale has marks at 200, 300, 400, 500, 600 and 700 g. The pointer is halfway between 200 and 300.

What is the reading?

Answer: ___ g

(1)

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17 On Friday the temperature was 3 degrees. On Thursday it was 17 degrees. Which day was warmer?

Answer: ___

(1)

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18 A thermometer shows 24 degrees. The temperature goes down by 8 degrees. What does it show now?

Answer: ___ degrees

(1)

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19 A thermometer shows 26 degrees. The temperature goes down by 5 degrees. What does it show now?

Answer: ___ degrees

(1)

---

20 A measuring jug has marks at 3, 4, 5, 6, 7 and 8 litres. The pointer is exactly on the mark for 7.

What is the reading?

Answer: ___ litres

(1)

---

21 One box holds 21 litres. Another holds 16 litres. What is the difference?

Answer: ___ litres

(1)

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22 A measuring jug has marks at 0, 2, 4, 6, 8 and 10 litres. The pointer is halfway between 2 and 4.

What is the reading?

Answer: ___ litres

(1)

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23 A kitchen scale has marks at 20, 30, 40, 50, 60 and 70 kg. The pointer is exactly on the mark for 30.

What is the reading?

Answer: ___ kg

(1)

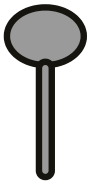
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24 A soup bowl is 60 g. A spoon is 20 g. Which is heavier?

Answer: ___



bowl: 60 g



spoon: 20 g

(1)

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

Answer: ___ degrees

(1)

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26 A thermometer shows 13 degrees. The temperature goes down by 3 degrees. What does it show now?

Answer: ___ degrees

(1)

---

27 One box holds 27 litres. Another holds 22 litres. What is the difference?

Answer: ___ litres

(1)

---

28 A kitchen scale has marks at 0, 10, 20, 30, 40 and 50 kg. The pointer is halfway between 20 and 30.

What is the reading?

Answer: ___ kg

(1)

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29 On Wednesday the temperature was 0 degrees. On Thursday it was 8 degrees. Which day was colder?

Answer: ___

(1)

---

30 A kitchen scale has marks at 40, 60, 80, 100, 120 and 140 g. The pointer is halfway between 40 and 60.

What is the reading?

Answer: ___ g

(1)

---

31 One box holds 21 litres. Another holds 14 litres. What is the difference?

Answer: ___ litres

(1)

---

32 A thermometer shows 27 degrees. The temperature goes up by 7 degrees. What does it show now?

Answer: ___ degrees

(1)

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33 On Friday the temperature was 32 degrees. On Wednesday it was 22 degrees. Which day was warmer?

Answer: ___

(1)

---

34 On Thursday the temperature was 24 degrees. On Monday it was 19 degrees. Which day was warmer?

Answer: ___

(1)

---

35 A measuring jug has marks at 200, 400, 600, 800, 1000 and 1200 ml. The pointer is halfway between 400 and 600.

What is the reading?

Answer: ___ ml

(1)

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36 A bag of potatoes weighs 5 kg. How many kg do 3 of them weigh altogether?

Answer: ___ kg

(1)

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37 One box holds 18 litres. Another holds 3 litres. What is the difference?

Answer: ___ litres

(1)

---

38 A measuring jug has marks at 20, 30, 40, 50, 60 and 70 ml. The pointer is halfway between 30 and 40.

What is the reading?

Answer: ___ ml

(1)

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39 A kitchen scale has marks at 30, 40, 50, 60, 70 and 80 kg. The pointer is exactly on the mark for 70.

What is the reading?

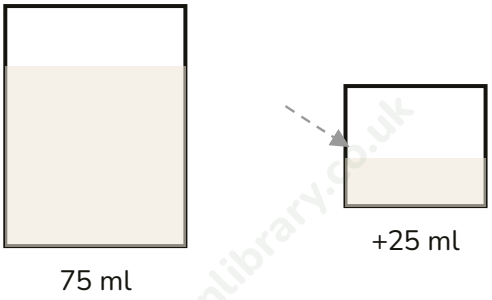
Answer: ___ kg

(1)

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40 Liam has 75 ml of paint. He adds 25 ml more. How much paint does he have now?

Answer: ___ ml



(1)

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41 A kitchen scale has marks at 50, 100, 150, 200, 250 and 300 g. The pointer is exactly on the mark for 250.

What is the reading?

Answer: ___ g

(1)

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42 A box weighs 26 kg and a bag weighs 1 kg. Which is heavier? Write box or bag.

Answer: ___

(1)

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43 On Tuesday the temperature was 9 degrees. On Wednesday it was 3 degrees. Which day was colder?

Answer: ___

(1)

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Mark scheme · 5.10 Mass, Capacity and Temperature: 1-hour Pack

Question 1

Wednesday cao — **B1**

Answer: **Wednesday**

Question 2

Thursday cao — **B1**

Answer: **Thursday**

Question 3

75 kg cao — **B1**

Answer: **75 kg**

Question 4

9 kg cao — **B1**

Answer: **9 kg**

Question 5

Monday cao — **B1**

Answer: **Monday**

Question 6

200 g cao (50 x 4 = 200) — **B1**

Answer: **200 g**

Question 7

75 ml cao — **B1**

Answer: **75 ml**

Question 8

19 degrees cao — **B1**

Answer: **19 degrees**

Question 9

4 kg cao — **B1**

Answer: **4 kg**

Question 10

24 degrees cao — **B1**

Answer: **24 degrees**

Question 11

11 kg cao — **B1**

Answer: **11 kg**

Question 12

1200 ml cao — **B1**

Answer: **1200 ml**

Question 13

Wednesday cao — **B1**

Answer: **Wednesday**

Question 14

Monday cao — **B1**

Answer: **Monday**

Question 15

23 degrees cao — **B1**

Answer: **23 degrees**

Question 16

250 g cao — **B1**

Answer: **250 g**

Question 17

Thursday cao — **B1**

Answer: **Thursday**

Question 18

16 degrees cao — **B1**

Answer: **16 degrees**

Question 19

21 degrees cao — **B1**

Answer: **21 degrees**

Question 20

7 litres cao — **B1**

Answer: **7 litres**

Question 21

5 litres cao — **B1**

Answer: **5 litres**

Question 22

3 litres cao — **B1**

Answer: **3 litres**

Question 23

30 kg cao — **B1**

Answer: **30 kg**

Question 24

bowl cao (accept 'the bowl') — **B1**

Answer: **bowl**

Question 25

27 degrees cao — **B1**

Answer: **27 degrees**

Question 26

10 degrees cao — **B1**

Answer: **10 degrees**

Question 27

5 litres cao — **B1**

Answer: **5 litres**

Question 28

25 kg cao — **B1**

Answer: **25 kg**

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Question 29

Wednesday cao **B1**

Answer: **Wednesday**

Question 30

50 g cao **B1**

Answer: **50 g**

Question 31

7 litres cao **B1**

Answer: **7 litres**

Question 32

34 degrees cao **B1**

Answer: **34 degrees**

Question 33

Friday cao **B1**

Answer: **Friday**

Question 34

Thursday cao **B1**

Answer: **Thursday**

Question 35

500 ml cao **B1**

Answer: **500 ml**

Question 36

15 kg cao **B1**

Answer: **15 kg**

Question 37

15 litres cao **B1**

Answer: **15 litres**

Question 38

35 ml cao **B1**

Answer: **35 ml**

Question 39

70 kg cao **B1**

Answer: **70 kg**

Question 40

100 ml cao **B1**

Answer: **100 ml**

Question 41

250 g cao **B1**

Answer: **250 g**

Question 42

box cao **B1**

Answer: **box**

Question 43

Wednesday cao **B1**

Answer: **Wednesday**

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