5.10 Mass, Capacity and Temperature: Test Pack

STA NC-KS1-MATHS-STA · Calculators not allowed · about 50 minutes

Name: _____ Date: ____ / ____ / _____

Answer ALL questions. Show all your working.

1 A bag of apples weighs 40 g. Write the weight in grams.

Answer: ___ g

(1)

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2 A thermometer shows 14 degrees. The temperature goes up by 6 degrees. What does it show now?

Answer: ___ degrees

(1)

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3 On Thursday the temperature was 26 degrees. On Monday it was 0 degrees. Which day was warmer?

Answer: ___

(1)

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4 On Wednesday the temperature was 28 degrees. On Thursday it was 3 degrees. Which day was colder?

Answer: ___

(1)

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5 A thermometer shows 16 degrees. The temperature goes up by 2 degrees. What does it show now?

Answer: ___ degrees

(1)

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

What is the reading?

Answer: ___ litres

(1)

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7 One box holds 23 litres. Another holds 2 litres. What is the difference?

Answer: ___ litres

(1)

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8 A measuring jug has marks at 50, 100, 150, 200, 250 and 300 ml. The pointer is exactly on the mark for 100.

What is the reading?

Answer: ___ ml

(1)

---

9 A thermometer shows 29 degrees. The temperature goes down by 7 degrees. What does it show now?

Answer: ___ degrees

(1)

---

10 A bag of rice weighs 2 kg. How many kg do 2 of them weigh altogether?

Answer: ___ kg

(1)

---

11 A thermometer shows 17 degrees. The temperature goes up by 8 degrees. What does it show now?

Answer: ___ degrees

(1)

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12 A kitchen scale has marks at 100, 200, 300, 400, 500 and 600 g. The pointer is halfway between 300 and 400.

What is the reading?

Answer: ___ g

(1)

---

13 A mug holds 200 ml. Two mugs hold how many millilitres?

Answer: ___ ml

(1)

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14 On Monday the temperature was 28 degrees. On Friday it was 7 degrees. Which day was colder?

Answer: ___

(1)

---

15 A thermometer shows 13 degrees. The temperature goes down by 8 degrees. What does it show now?

Answer: ___ degrees

(1)

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16 On Monday the temperature was 12 degrees. On Thursday it was 15 degrees. Which day was warmer?

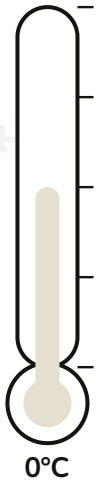
Answer: ___

(1)

---

17 A thermometer shows 0°C. Is this above freezing, at freezing, or below freezing?

Answer: ___



(1)

---

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

Answer: ___ kg

(1)

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19 One box holds 13 litres. Another holds 2 litres. What is the difference?

Answer: ___ litres

(1)

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20 A box weighs 29 kg and a bag weighs 27 kg. Which is heavier? Write box or bag.

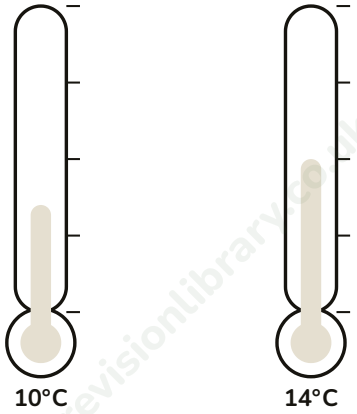
Answer: ___

(1)

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21 A flask shows 10°C in the morning and 14°C in the afternoon. How many degrees did the temperature rise?

Answer: ___ °C



(1)

22 A thermometer shows 6 degrees. The temperature goes up by 4 degrees. What does it show now?

Answer: ___ degrees

(1)

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23 On Tuesday the temperature was 27 degrees. On Wednesday it was 26 degrees. Which day was colder?

Answer: ___

(1)

---

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

Answer: ___ degrees

(1)

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25 A thermometer shows 2 degrees. The temperature goes up by 8 degrees. What does it show now?

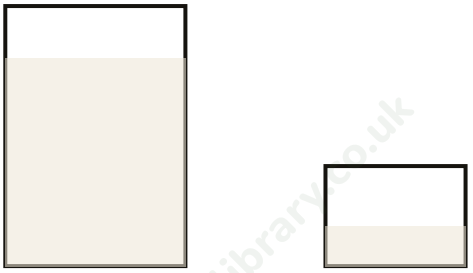
Answer: ___ degrees

(1)

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26 A jar holds 80 ml of water. A cup holds 20 ml. How many millilitres in the jar and cup together?

Answer: ___ ml



80 ml 20 ml

(1)

---

27 One box weighs 24 kg. Another weighs 10 kg. What is the difference?

Answer: ___ kg

(1)

---

28 A thermometer shows 24 degrees. The temperature goes up by 3 degrees. What does it show now?

Answer: ___ degrees

(1)

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29 A kitchen scale has marks at 20, 40, 60, 80, 100 and 120 g. The pointer is halfway between 100 and 120.

What is the reading?

Answer: ___ g

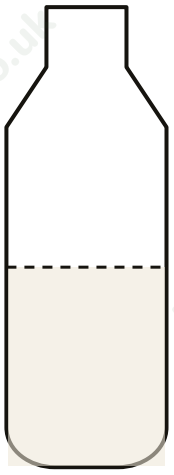
(1)

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30 A bottle holds 100 ml. It is half full. How much water is in the bottle?

Answer: ___ ml

100 ml capacity



(1)

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31 A bottle of water holds 1 litres. How many litres do 5 of them hold altogether?

Answer: ___ litres

(1)

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32 A thermometer shows 26 degrees. The temperature goes down by 2 degrees. What does it show now?

Answer: ___ degrees

(1)

---

33 A thermometer shows 29 degrees. The temperature goes down by 6 degrees. What does it show now?

Answer: ___ degrees

(1)

---

34 On Tuesday the temperature was 9 degrees. On Thursday it was 3 degrees. Which day was colder?

Answer: ___

(1)

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35 A box of books weighs 3 kg. How many kg do 2 of them weigh altogether?

Answer: ___ kg

(1)

---

36 One box weighs 28 kg. Another weighs 11 kg. What is the difference?

Answer: ___ kg

(1)

---

37 A kitchen scale has marks at 0, 5, 10, 15, 20 and 25 kg. The pointer is exactly on the mark for 5.

What is the reading?

Answer: ___ kg

(1)

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Mark scheme · 5.10 Mass, Capacity and Temperature: Test Pack

Question 1

40 g cao — **B1**

Answer: **40 g**

Question 2

20 degrees cao — **B1**

Answer: **20 degrees**

Question 3

Thursday cao — **B1**

Answer: **Thursday**

Question 4

Thursday cao — **B1**

Answer: **Thursday**

Question 5

18 degrees cao — **B1**

Answer: **18 degrees**

Question 6

7 litres cao — **B1**

Answer: **7 litres**

Question 7

21 litres cao — **B1**

Answer: **21 litres**

Question 8

100 ml cao — **B1**

Answer: **100 ml**

Question 9

22 degrees cao — **B1**

Answer: **22 degrees**

Question 10

4 kg cao — **B1**

Answer: **4 kg**

Question 11

25 degrees cao — **B1**

Answer: **25 degrees**

Question 12

350 g cao — **B1**

Answer: **350 g**

Question 13

400 ml cao — **B1**

Answer: **400 ml**

Question 14

Friday cao — **B1**

Answer: **Friday**

Question 15

5 degrees cao — **B1**

Answer: **5 degrees**

Question 16

Thursday cao — **B1**

Answer: **Thursday**

Question 17

at freezing cao (accept 'freezing') — **B1**

Answer: **at freezing**

Question 18

6 kg cao — **B1**

Answer: **6 kg**

Question 19

11 litres cao — **B1**

Answer: **11 litres**

Question 20

box cao — **B1**

Answer: **box**

Question 21

4°C cao — **B1**

Answer: **4°C**

Question 22

10 degrees cao — **B1**

Answer: **10 degrees**

Question 23

Wednesday cao — **B1**

Answer: **Wednesday**

Question 24

14 degrees cao — **B1**

Answer: **14 degrees**

Question 25

10 degrees cao — **B1**

Answer: **10 degrees**

Question 26

100 ml cao — **B1**

Answer: **100 ml**

Question 27

14 kg cao — **B1**

Answer: **14 kg**

Question 28

27 degrees cao — **B1**

Answer: **27 degrees**

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Question 29

110 g cao **B1**

Answer: **110 g**

Question 30

50 ml cao **B1**

Answer: **50 ml**

Question 31

5 litres cao **B1**

Answer: **5 litres**

Question 32

24 degrees cao **B1**

Answer: **24 degrees**

Question 33

23 degrees cao **B1**

Answer: **23 degrees**

Question 34

Thursday cao **B1**

Answer: **Thursday**

Question 35

6 kg cao **B1**

Answer: **6 kg**

Question 36

17 kg cao **B1**

Answer: **17 kg**

Question 37

5 kg cao **B1**

Answer: **5 kg**

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