



KS1.M34 Mass, Capacity and Temperature

STA NC-KS1-MATHS-STA · Calculators not allowed · about 30 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)

- 2** A packet of seeds shows 25 g. Write the number of grams.

Answer: ____ g

(1)

- 3** A toy car is on scales. The pointer is at 60 g. What is the mass of the toy car?

Answer: ____ g

Figure (to be drawn): A round dial scale with the pointer at the mark labelled 60 g.

(1)

- 4 A small stone is 15 g and a feather is 1 g. What is the total mass?

Answer: ___ g

(1)

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

Answer: ___ ml

Figure (to be drawn): A jar labelled 80 ml and a small cup labelled 20 ml.

(1)

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

Answer: ___ ml

Figure (to be drawn): A bottle shape with a line showing half full and the label 100 ml capacity.

(1)

- 7 A jug has 40 ml of juice. Sam pours in 20 ml more. How many millilitres now?

Answer: ___ ml

(1)

- 8** A scale shows 90 g for a book. Another book is 10 g lighter. What is the mass of the lighter book?

Answer: ____ g



(1)

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- 9** A teaspoon holds 5 ml. How many millilitres do 3 teaspoons hold?

Answer: ____ ml

Figure (to be drawn): Three small teaspoons shown with 5 ml on one.



(1)

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- 10** The fridge shows 4 degrees C. Is this hot or cold?

Answer: ____

Figure (to be drawn): A small fridge with a display reading 4 degrees C.



(1)

-
- 11** The kettle shows 90 degrees C. Is this hot or cold?

Answer: ____

Figure (to be drawn): A kettle display reading 90 degrees C.



(1)

- 12** The weather is 20 degrees C today. Yesterday it was 17 degrees C. How many degrees warmer today?

Answer: ____ degrees C

(1)

- 13** A bottle shows 250 ml capacity. Emma pours 10 ml out. How much is left?

Answer: ____ ml

Figure (to be drawn): A bottle labelled 250 ml and a small spill of 10 ml.

(1)

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

Answer: ____ g

Figure (to be drawn): One packet shown with label 50 g and four of them in a row.

(1)

- 15** A mug holds 200 ml. Two mugs hold how many millilitres?

Answer: ____ ml

(1)

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

Answer: ____

Figure (to be drawn): A bowl labelled 60 g and a spoon labelled 20 g.



(1)

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

Answer: ____

Figure (to be drawn): A vertical thermometer with the mark at 0 degrees C.



(1)

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

Answer: ____ ml

Figure (to be drawn): A small pot labelled 75 ml and a measuring cup adding 25 ml.



(1)

19 A fruit weighs 30 g. Three fruits weigh how many grams?

Answer: ____ g



(1)

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

Answer: ____ degrees C

Figure (to be drawn): Two small thermometer pictures labelled 10 degrees C and 14 degrees C.



(1)

Mark scheme · KS1.M34 Mass, Capacity and Temperature

Question 1

- **B1** 40 g cao
- Answer: **40 g**

Question 2

- **B1** 25 g cao
- Answer: **25 g**

Question 3

- **B1** 60 g cao
- Answer: **60 g**

Question 4

- **B1** 16 g cao
- Answer: **16 g**

Question 5

- **B1** 100 ml cao
- Answer: **100 ml**

Question 6

- **B1** 50 ml cao
- Answer: **50 ml**

Question 7

- **B1** 60 ml cao
- Answer: **60 ml**

Question 8

- **B1** 80 g cao
- Answer: **80 g**

Question 9

- **B1** 15 ml cao
- Answer: **15 ml**

Question 10

- **B1** coldcao (accept 'cold')
- Answer: **cold**

Question 11

- **B1** hotcao (accept 'hot')
- Answer: **hot**

Question 12

- **B1** 3 degrees C cao
- Answer: **3 degrees C**

Question 13

- **B1** 240 ml cao
- Answer: **240 ml**

Question 14

- **B1** 200 g cao ($50 \times 4 = 200$)
- Answer: **200 g**

Question 15

- **B1** 400 ml cao
- Answer: **400 ml**

Question 16

- **B1** bowl cao (accept 'the bowl')
- Answer: **bowl**

Question 17

- **B1** at freezing cao (accept 'freezing')
- Answer: **at freezing**

Question 18

- **B1** 100 ml cao
- Answer: **100 ml**

Question 19

- **B1** 90 g cao
- Answer: **90 g**

Question 20

- **B1** 4 degrees C cao
- Answer: **4 degrees C**