7.8 Measurement: Metric and Imperial Units: 1-hour Pack

Total Marks

Calculators not allowed · about 60 minutes

Name: _____ Date: ____ / ____ / _____

Answer ALL questions. Show all your working.

1 Use 1 inch = 2.5 cm.

A strip of card is 25 cm long. How long is it in inches?

Answer: ___ inches

(1)

2 A jug holds 4 litres of juice. Amira pours it into glasses that each hold 100 ml.

How many glasses can be filled?

Answer: ___

(2)

3 Which is bigger, 2.1 litres or 1,875 ml?

Answer: ___

(2)

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4 Which is bigger, 8.5 km or 8,168 m?

Answer: ___

(2)

---

5 Use 1 pint = 570 ml.

A jug holds 11 pints of water. How much is that in ml?

Answer: ___ ml

(1)

---

6 Use 1 foot = 30 cm.

A strip of card is 90 cm long. How long is it in feet?

Answer: ___ feet

(2)

---

7 A brass lamp weighs 2.75 kilograms. Write this weight in grams.

(1)

---

8 How many seconds are there in 3 minutes and 45 seconds?

Answer: ___

(1)

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9 A scale in ml has big marks every 20 ml, with 10 equal small divisions between each big mark. The first big mark is 120. The pointer is 3 small divisions after the second big mark.

What is the reading?

Answer: ___ ml

(2)

---

10 Which is bigger, 3.6 km or 3,791 m?

Answer: ___

(2)

---

11 A scale in ml has big marks every 50 ml, with 10 equal small divisions between each big mark. The first big mark is 0. The pointer is 5 small divisions after the second big mark.

What is the reading?

Answer: ___ ml

(1)

---

12 £1 = 8 dollars.

How many dollars do you get for £49?

Answer: ___ dollars

(1)

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13 £1 = 3 dollars.

How many dollars do you get for £53?

Answer: ___ dollars

(1)

---

14 Convert 41.5 m to cm.

Answer: ___ cm

(1)

---

15 Which is bigger, 6.4 m or 806 cm?

Answer: ___

(1)

---

16 £1 = 4 euros.

A toy costs 220 euros. How much is that in pounds?

Answer: £___

(1)

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17 Use 1 inch = 2.5 cm.

A strip of card is 10 cm long. How long is it in inches?

Answer: ___ inches

(2)

---

18 Convert 70.7 m to cm.

Answer: ___ cm

(1)

---

19 Which is bigger, 6.8 litres or 7,171 ml?

Answer: ___

(1)

---

20 Convert 99,400 mm to m.

Answer: ___ m

(1)

---

21 A ribbon is 3 m long. Bella cuts it into pieces that are each 20 cm long.

How many pieces does Bella cut?

Answer: ___

(2)

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22 Use 1 foot = 30 cm.

A strip of card is 6 feet long. How long is it in cm?

Answer: ___ cm

(1)

---

23 A ribbon is 9 m long. Ben cuts it into pieces that are each 25 cm long.

How many pieces does Ben cut?

Answer: ___

(2)

---

24 Which is bigger, 1.2 kg or 1,379 g?

Answer: ___

(1)

---

25 Which is bigger, 4.2 litres or 4,396 ml?

Answer: ___

(1)

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26 £1 = 10 dollars.

A toy costs 430 dollars. How much is that in pounds?

Answer: £___

(1)

---

27 A child measures the length of a pencil as 18 cm. Convert this length to millimetres.

(2)

---

28 A bag weighs 3.8 kg. How many kg are there in 8 bags?

Answer: ___ kg

(2)

---

29 Convert the measurement.

(a) Convert 3.5 metres to centimetres. **(1)**

(b) Convert 720 centimetres to metres. **(1)**

---

30 How many days are there in 5 weeks and 5 days?

Answer: ___

(1)

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31 How many seconds are there in 8 minutes and 30 seconds?

Answer: ___

(1)

---

32 Which is bigger, 2.9 km or 3,195 m?

Answer: ___

(1)

---

33 Write 983p in pounds.

Answer: £___

(1)

---

34 Sophie runs 4.8 kilometres. How many metres did she run?

(2)

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Mark scheme · 7.8 Measurement: Metric and Imperial Units: 1-hour Pack

A correct answer earns full marks unless the question asks for working, a method, proof or explanation.

Question 1

10 cao — **B1**

Answer: **10**

Question 2

4 litres = 4,000 ml seen — **M1**

40 cao — **A1**

Answer: **40**

Question 3

converts to the same unit — **M1**

2.1 litres cao — **A1**

Answer: **2.1 litres**

Question 4

converts to the same unit — **M1**

8.5 km cao — **A1**

Answer: **8.5 km**

Question 5

6,270 ml cao — **B1**

Answer: **6,270 ml**

Question 6

divides by the conversion — **M1**

3 cao — **A1**

Answer: **3**

Question 7

2750 g cao — **B1**

Answer: **2750**

Question 8

225 cao — **B1**

Answer: **225**

Question 9

size of a small division found — **M1**

146 ml cao — **A1**

Answer: **146 ml**

Question 10

converts to the same unit — **M1**

3,791 m cao — **A1**

Answer: **3,791 m**

Question 11

75 ml cao — **B1**

Answer: **75 ml**

Question 12

392 dollars cao — **B1**

Answer: **392 dollars**

Question 13

159 dollars cao — **B1**

Answer: **159 dollars**

Question 14

4,150 cm cao — **B1**

Answer: **4,150 cm**

Question 15

806 cm cao — **B1**

Answer: **806 cm**

Question 16

£55 cao — **B1**

Answer: **£55**

Question 17

divides by the conversion — **M1**

4 cao — **A1**

Answer: **4**

Question 18

7,070 cm cao — **B1**

Answer: **7,070 cm**

Question 19

7,171 ml cao — **B1**

Answer: **7,171 ml**

Question 20

99.4 m cao — **B1**

Answer: **99.4 m**

Question 21

3 m = 300 cm seen — **M1**

15 cao — **A1**

Answer: **15**

Question 22

180 cm cao — **B1**

Answer: **180 cm**

Question 23

9 m = 900 cm seen — **M1**

36 cao — **A1**

Answer: **36**

Question 24

1,379 g cao — **B1**

Answer: **1,379 g**

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Question 25

4,396 ml cao **B1**

Answer: **4,396 ml**

Question 26

£43 cao **B1**

Answer: **£43**

Question 27

18 x 10 = 180 seen **M1**

180 mm cao **B1**

Answer: **180**

Question 28

multiplication seen **M1**

30.4 kg cao **A1**

Answer: **30.4 kg**

Question 29

(a) 350 cm cao **B1**

(a) Answer: **350**

(b) 7.2 m cao **B1**

(b) Answer: **7.2**

Question 30

40 cao **B1**

Answer: **40**

Question 31

510 cao **B1**

Answer: **510**

Question 32

3,195 m cao **B1**

Answer: **3,195 m**

Question 33

£9.83 cao **B1**

Answer: **£9.83**

Question 34

4.8 x 1000 = 4800 or method seen **M1**

4,800 m cao **B1**

Answer: **4,800**

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