7.5 Measurement: Converting Units: 30-minute Pack

Calculators not allowed · about 30 minutes

Total Marks

Name: _____ Date: ____ / ____ / _____

Answer ALL questions. Show all your working.

1 Convert 37,000 g to kg.

Answer: ___ kg

(1)

---

2 A scale in ml has big marks every 100 ml, with 5 equal small divisions between each big mark. The first big mark is 300. The pointer is 1 small division after the second big mark.

What is the reading?

Answer: ___ ml

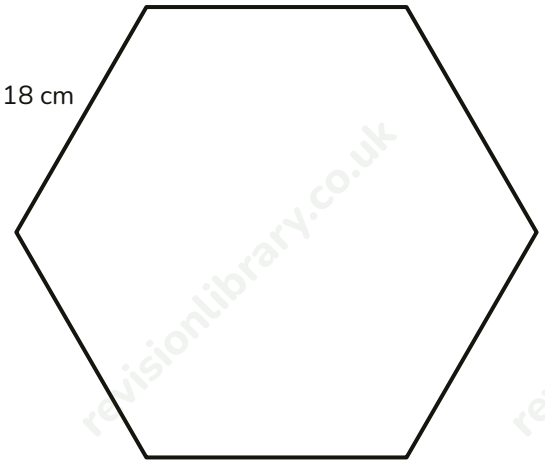
(1)

© Revision Library | revisionlibrary.co.uk

3 A regular hexagon has sides of length 18 cm.

What is its perimeter?

Answer: ___ cm



(2)

---

4 Seven apples each weigh 80 g. What is the total mass in kilograms? Give your answer as a decimal.

(2)

---

5 Write £26 in pence.

Answer: ___ p

(1)

© Revision Library | revisionlibrary.co.uk

6 Convert 5 m to mm.

Answer: ___ mm

(1)

---

7 Which is bigger, 5.3 km or 5,049 m?

Answer: ___

(1)

---

8 Convert 9,000 ml to litres.

Answer: ___ litres

(1)

---

9 A scale in ml has big marks every 10 ml, with 5 equal small divisions between each big mark. The first big mark is 60. The pointer is 1 small division after the second big mark.

What is the reading?

Answer: ___ ml

(2)

© Revision Library | revisionlibrary.co.uk

10 A scale in ml has big marks every 100 ml, with 5 equal small divisions between each big mark. The first big mark is 200. The pointer is 4 small divisions after the second big mark.

What is the reading?

Answer: ___ ml

(1)

---

11 Convert 18 kg to g.

Answer: ___ g

(1)

---

12 A scale in ml has big marks every 25 ml, with 5 equal small divisions between each big mark. The first big mark is 75. The pointer is 3 small divisions after the second big mark.

What is the reading?

Answer: ___ ml

(1)

---

13 A watering can holds 2.5 litres. Each small plant needs 300 ml of water. How many small plants can be watered full using one watering can?

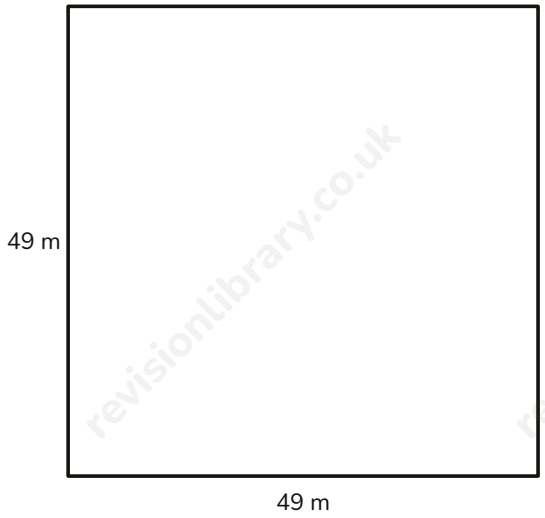
(2)

© Revision Library | revisionlibrary.co.uk

14 A square has sides of length 49 m.

What is its perimeter?

Answer: ___ m



(1)

---

15 Convert 39 m to mm.

Answer: ___ mm

(1)

---

16 Write 1600p in pounds.

Answer: £___

(1)

© Revision Library | revisionlibrary.co.uk

17 Sofia buys a bag of potatoes weighing 1.3 kg and a bag of carrots weighing 582 g.

What is the total mass in kg?

Answer: ___ kg

(2)

---

18 A recipe needs 750 ml of milk. You have a jug containing 0.8 litres. Do you have enough milk? Explain your answer and say how much is left or needed.

(2)

© Revision Library | revisionlibrary.co.uk

Mark scheme · 7.5 Measurement: Converting Units: 30-minute Pack

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

Question 1

37 kg cao **B1**

Answer: **37 kg**

Question 2

420 ml cao **B1**

Answer: **420 ml**

Question 3

6 x 18 **M1**

108 cm cao **A1**

Answer: **108 cm**

Question 4

Multiply 80 g by 7 to get 560 g seen **M1**

0.56 kg cao **A1**

Answer: **0.56 kg**

Question 5

2600p cao **B1**

Answer: **2600p**

Question 6

5,000 mm cao **B1**

Answer: **5,000 mm**

Question 7

5.3 km cao **B1**

Answer: **5.3 km**

Question 8

9 litres cao **B1**

Answer: **9 litres**

Question 9

size of a small division found **M1**

72 ml cao **A1**

Answer: **72 ml**

Question 10

380 ml cao **B1**

Answer: **380 ml**

Question 11

18,000 g cao **B1**

Answer: **18,000 g**

Question 12

115 ml cao **B1**

Answer: **115 ml**

Question 13

Convert 2.5 L to 2500 ml and divide by 300 ml (2500/300) seen **M1**

8 plants cao **A1**

Answer: **8**

Question 14

196 m cao **B1**

Answer: **196 m**

Question 15

39,000 mm cao **B1**

Answer: **39,000 mm**

Question 16

£16 cao **B1**

Answer: **£16**

Question 17

582 g = 0.582 kg seen **M1**

1.882 kg cao **A1**

Answer: **1.882 kg**

Question 18

Convert 0.8 L to 800 ml or compare quantities (0.8 L = 800 ml) method **M1**

Yes; 800 ml - 750 ml = 50 ml left cao **A1**

Answer: **Yes; there is 50 ml left**

© Revision Library | revisionlibrary.co.uk