7.6 Perimeter and Area: 10-minute Pack

Calculators not allowed · about 10 minutes

Total Marks

Name: _____ Date: ____ / ____ / _____

Answer ALL questions. Show all your working.

1 A rectangle floor is 8 squares by 5 squares. A cupboard covers 2 squares by 3 squares in one corner. How many 1 cm by 1 cm squares of floor are left around the cupboard?

(2)

2 A rectangle has an area of 24 square metres. Its length is 12 m.

What is its width?

Answer: ___ m

Diagram NOT accurately drawn



12 m

24 square metres

(2)

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3 Daisy buys a bag of potatoes weighing 4.6 kg and a bag of carrots weighing 433 g.

What is the total mass in kg?

Answer: ___ kg

(2)

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4 A square has sides of length 48 cm.

What is its perimeter?

Answer: ___ cm

Diagram NOT accurately drawn



(1)

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5 A rectangle is 7 cm by 5 cm. The length is increased by 3 cm. Find the new perimeter.

(2)

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Mark scheme · 7.6 Perimeter and Area: 10-minute Pack

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

Question 1

Correctly find floor area 8x5 = 40 and cupboard area 2x3 = 6	**M1**
34 cm² cao	**B1**

Answer: **34 cm²**

Question 2

divides area by length	**M1**
2 m cao	**A1**

Answer: **2 m**

Question 3

433 g = 0.433 kg seen	**M1**
5.033 kg cao	**A1**

Answer: **5.033 kg**

Question 4

192 cm cao	**B1**

Answer: **192 cm**

Question 5

Correct new length 10 and method to calculate perimeter 2x(10+5)	**M1**
30 cm cao	**B1**

Answer: **30 cm**

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