2.5 Fractions, Decimals and Percentages: 10-minute Pack

Total Marks

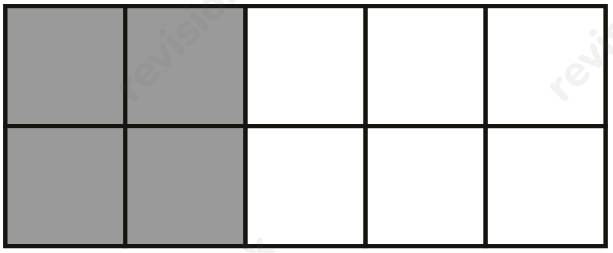
EDEXCEL 1MA1 · Calculator allowed · about 10 minutes

Name: _____ Date: ____ / ____ / _____

Answer ALL questions. Show all your working.

1 The grid below is made up of 10 identical squares. 4 of the squares are shaded grey.

Write down, as a fraction, what proportion of the grid is shaded.



(Total for Question 1 is 1 mark)

---

2 Write 1/5 as a percentage.

(Total for Question 2 is 1 mark)

---

3 A sack of potatoes has a mass of 84 kg.

Work out 1/4 of 84 kg.

(Total for Question 3 is 2 marks)

© Revision Library | revisionlibrary.co.uk

4 A jacket normally costs £45. In a sale, the price is reduced by 20%.

Work out the sale price of the jacket.

(Total for Question 4 is 3 marks)

---

5 Write the fraction 2/5 as (a) a decimal, (b) a percentage.

(Total for Question 5 is 2 marks)

© Revision Library | revisionlibrary.co.uk

Mark scheme · 2.5 Fractions, Decimals and Percentages: 10-minute Pack

Question 1

4/10 oe (e.g. 2/5)	**B1**

Answer: 4/10 (oe 2/5)

Question 2

20% cao	**B1**

Answer: 20%

Question 3

84 divided by 4 (=21) oe	**M1**
21 kg cao	**A1**

Answer: 21 kg

Question 4

10% of 45 (=4.5) found, or equivalent method to find 20% of 45	**M1**
20% of 45 (=9) subtracted from 45, i.e. 45 - 9 oe	**M1**
£36 cao	**A1**

Answer: £36

Question 5

0.4 cao	**B1**
40% cao	**B1**

Answer: (a) 0.4, (b) 40%

© Revision Library | revisionlibrary.co.uk