3.2 Fractions: 10-minute Pack

EDEXCEL 1MA1 · Calculator allowed · about 10 minutes

Total Marks

Name: _____ Date: ____ / ____ / _____

Answer ALL questions. Show all your working.

1 Work out 1/4 + 1/2.

(Total for Question 1 is 1 mark)

2 Write 4/8 in its simplest form.

(Total for Question 2 is 1 mark)

3 Write 29/6 as a mixed number.

(Total for Question 3 is 1 mark)

4 Work out 2 1/2 x 1 1/3. Give your answer as a mixed number in its simplest form.

(Total for Question 4 is 3 marks)

5 Priya has £84. She spends 2/7 of it on a coat. She then spends 1/4 of what remains on a book. Work out how much money Priya has left.

(Total for Question 5 is 3 marks)

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Mark scheme · 3.2 Fractions: 10-minute Pack

Question 1

3/4 cao	**B1**

Answer: 3/4

Question 2

1/2 cao	**B1**

Answer: 1/2

Question 3

4 5/6 cao	**B1**

Answer: 4 5/6

Question 4

converts both mixed numbers to improper fractions, 5/2 and 4/3	**M1**
(5 x 4)/(2 x 3) = 20/6 oe (multiplying numerators and denominators)	**M1**
3 1/3 cao	**A1**

Answer: 3 1/3

Question 5

84/7 = 12, 12 x 2 = 24 oe, the cost of the coat	**M1**
84 - 24 = 60 (dep), then 60/4 = 15 oe, the cost of the book	**M1**
45 (pounds) cao	**A1**

Answer: £45

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