1.5 Writing, Simplifying and Ordering Fractions: 10-minute Pack

EDEXCEL 1MA1 · Calculator allowed · about 10 minutes

Total Marks

Name: _____ Date: ____ / ____ / _____

Answer ALL questions. Show all your working.

1 Simplify each fraction fully.

(a) 36/48 **(1)**

(b) 28/70 **(1)**

(c) 32/40 **(1)**

(d) 63/81 **(1)**

(Total for Question 1 is 4 marks)

2 Aisha says that 1/3 is bigger than 3/10. Decide whether Aisha is correct. You must show working to support your decision.

(Total for Question 2 is 2 marks)

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3 At a coffee morning attended by 40 people, 25 people chose tea and the rest chose coffee.

(a) Write down the fraction of people who chose coffee. **(1)**

.....

(b) Write your answer to part (a) in its simplest form. **(1)**

(Total for Question 3 is 2 marks)

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Mark scheme · 1.5 Writing, Simplifying and Ordering Fractions: 10-minute Pack

Question 1

(a) 3/4 cao **B1**

(a) Answer: 3/4

(b) 2/5 cao **B1**

(b) Answer: 2/5

(c) 4/5 cao **B1**

(c) Answer: 4/5

(d) 7/9 cao **B1**

(d) Answer: 7/9

Question 2

correct working, e.g. converting to a common denominator: **B1**
1/3 = 10/30 and 3/10 = 9/30

correct conclusion that Aisha is correct, since 10/30 > 9/30 **B1**

Answer: Aisha is correct, since 1/3 = 10/30 and 3/10 = 9/30, and 10/30 > 9/30.

Question 3

(a) 15/40 oe **B1**

(a) Answer: 15/40

(b) 3/8 ft cao **B1**

(b) Answer: 3/8

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