4.4 Fractions, Decimals and Percentages Depth: 10-minute Pack

NCETM National Curriculum (2014) Mathematics - KS2 Fractions, Decimals and Percentages (Depth) · Calculators not allowed · about 10 minutes

Total Marks

Name: _____ Date: ____ / ____ / _____

Answer ALL questions. Show all your working.

1 Mohammed orders 3 pizzas, each cut into 8 equal slices. He and his friends eat 17 slices in total. What fraction of the pizza is left over? Give your answer in its simplest form.

(3)

2 Work out 2/3 * 3/5. Give your answer in its simplest form.

(2)

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3 Write <, > or = in the box.

1/3 [ ] 7/8

Answer: ___

(2)

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4 Work out 3 7/8 - 1 1/2.

Give your answer in its simplest form.

Answer: ___

(2)

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Mark scheme · 4.4 Fractions, Decimals and Percentages Depth: 10-minute Pack

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

Question 1

3 * 8 = 24 (total number of slices) oe	**M1**
24 - 17 = 7 (slices left), ft	**M1**
7/24 cao	**A1**

Answer: **7/24**

Question 2

6/15 oe seen	**M1**
2/5 cao	**A1**

Answer: **2/5**

Question 3

common denominator seen	**M1**
< cao	**A1**

Answer: **<**

Question 4

converts to a common denominator	**M1**
2 3/8 or 19/8 cao	**A1**

Answer: **2 3/8**

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