3.1 Multiplication and Division: 10-minute Pack

STA NC-KS1-MATHS-STA · Calculators not allowed · about 10 minutes

Name: _____ Date: ____ / ____ / _____

Answer ALL questions. Show all your working.

1 Jack has some 5p coins. He has 8 coins. Work out how much money he has altogether. Give your answer in pence.

(2)

2 Complete the missing number: 2 * ___ = 16.

(1)

3 A baker arranges muffins on a tray in an array of 4 equal rows, with 10 muffins in each row. Write a multiplication sentence for the array and work out the total number of muffins on the tray.

(2)

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4 Kwame shares 10 sweets equally between 2 friends. He says each friend gets 5 sweets. Freya puts 10 sweets into groups of 5. She says there are 2 groups. Explain why Kwame and Freya are both correct.

(2)

5 80 divided by 10 =

Answer: ___

(1)

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Mark scheme · 3.1 Multiplication and Division: 10-minute Pack

Question 1

8 * 5 oe	**M1**
40p cao	**A1**

Answer: **40p**

Question 2

8 cao	**B1**

Answer: **8**

Question 3

correct multiplication sentence identified, 4 * 10 oe (10 * 4 also accepted)	**M1**
40 cao	**A1**

Answer: **4 * 10 = 40 (40 muffins)**

Question 4

Kwame is correct because sharing 10 sweets between 2 friends gives 10 / 2 = 5 each, cso	**B1**
Freya is correct because grouping 10 sweets into groups of 5 gives 10 / 5 = 2 groups, oe; accept reference to the same array (2 rows of 5, or 5 rows of 2) linking both divisions to the same total	**B1**

Answer: **Both are correct: 10 / 2 = 5 and 10 / 5 = 2 are both true, showing sharing and grouping are two ways of thinking about division.**

Question 5

8 cao	**B1**

Answer: **8**

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