4.1 Fractions and Problem Solving: 10-minute Pack

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

Name: _____ Date: ____ / ____ / _____

Answer ALL questions. Show all your working.

1 A pizza is cut into 4 equal slices. Oliver eats one quarter of the pizza and his sister Isla eats one quarter of the pizza.

Work out what fraction of the pizza is left. Show your working.

Answer: ___

(2)

2 Daisy thinks of a number. Daisy adds 18 and gets 19. What number did Daisy think of?

Answer: ___

(1)

3 Find a quarter of 32.

Answer: ___

(1)

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4 A pie is cut into 4 equal slices. Kofi eats 3 slices.

What fraction of the pie is left?

Answer: ___

(1)

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5 Which is smaller, a half or a quarter of the same cake?

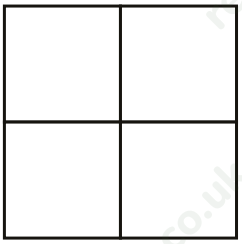
Answer: ___

(1)

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6 The square below is split into 4 equal parts.

Shade 1 quarter of the square.





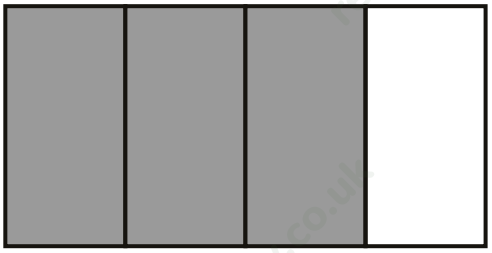
(1)

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7 The rectangle below is split into 4 equal parts, and 3 of the parts are shaded.

Circle the fraction that shows how much of the rectangle is shaded.

1/4 1/2 3/4 4/4



- ☐ 1/4
- ☐ 1/2
- ☐ 3/4
- ☐ 4/4

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Mark scheme · 4.1 Fractions and Problem Solving: 10-minute Pack

Question 1

finds the fraction eaten, 1/4 + 1/4 = 2/4 oe	**M1**
1/2 (or 2/4) cao oe	**A1**

Answer: **1/2 (2/4) of the pizza left**

Question 2

1 cao	**B1**

Answer: **1**

Question 3

8 cao	**B1**

Answer: **8**

Question 4

1/4 cao	**B1**

Answer: **1/4**

Question 5

a quarter cao	**B1**

Answer: **a quarter**

Question 6

exactly 1 of the 4 equal parts shaded cao	**B1**

Answer: **1 of the 4 equal parts shaded**

Question 7

3/4 cao	**B1**

Answer: **3/4**

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