

Unit 5 - Using Number (Entry 3)
Sample OCR Tasks - Refreshments

Candidate Name

Task 3 - Solving Problems Using Multiplication and Division

A Learning Centre is holding a "listening to learners" meeting.
Refreshments will be provided. The staff at the Learning Centre buy

106 sandwiches
22 Scotch eggs
166 sausage rolls

Use the list above to answer the following questions.
Write your answer on the line. You MUST show your working out.

1. Scotch eggs are cut into 4 pieces.
 - i) How many pieces can be cut from 22 whole Scotch eggs?

 - ii) How many Scotch eggs are needed to make 56 pieces?

2. Two pieces of Scotch egg are put onto each plate.
 - i) How many pieces of Scotch egg are needed for 38 plates?

 - ii) How many whole Scotch eggs are needed to give this many pieces?

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3. Each plate will have 3 sandwiches.

i) How many plates with 3 sandwiches can be prepared?

ii) How many sandwiches will be left over?

ii) How many sandwiches are needed for 38 plates?

4. Four sausage rolls are put onto each plate.

i) How many plates are needed for 166 sausage rolls?

ii) How many sausage rolls will be left over?

iii) How many sausage rolls would be needed for 38 plates?

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Answers

1i $22 \times 4 = 88$

1ii $56 \div 4 = 14$

2i $38 \times 2 = 76$

2ii $76 \div 4 = 19$

3i $106 \div 3 = 35$ (with remainder 1)

3ii 1 (the remainder from the previous question)

3iii $38 \times 3 = 114$

4i $166 \div 4 = 41$ (with remainder 2)

4ii 2 (the remainder from the previous question)

4iii $38 \times 4 = 152$