

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

Candidate Name

Task 3 - Solving Problems Using Multiplication and Division

A gardener has:

55 pots 200 tomato plants 60 trays
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Use the list above to answer the following questions.
Write your answer on the line. You MUST show your working out.

1. The pots are in 5 boxes.
Each box has the same number of pots.
How many pots are in each box?

2. Each pot holds 4 tomato plants.
- i) How many pots are needed for all the tomato plants?

- ii) How many tomato plants are needed to fill all the pots?

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3. Each section in the greenhouse holds 3 trays.

i) How many sections can be filled with 55 trays?

ii) How many trays are left over?

iii) How many trays would be needed to fill 29 sections?

4. Four trays can be watered with 1 can of water.

i) How many trays can be watered with 12 cans of water?

ii) How many cans would be needed to water 60 trays?

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Answers

1 $55 \div 5 = 11$

2i $200 \div 4 = 50$

2ii $55 \times 4 = 220$

3i $55 \div 3 = 18$ (with remainder 1)

3ii 1 (the remainder from the previous question)

3iii $29 \times 3 = 87$

4i $12 \times 4 = 48$

4ii $60 \div 4 = 15$