

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

Candidate Name .....

### Task 3 - Solving Problems Using Multiplication and Division

You are planning a children's party. You have

160 paper cups 30 jugs 26 bottles of squash
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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 paper cups are in 5 packs.  
Each pack has the same number of paper cups.  
How many paper cups are in each pack?

\_\_\_\_\_

2. Each jug holds enough squash for 5 cups.  
How many cups are needed to hold the squash from all the jugs?

\_\_\_\_\_

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3. Each bottle of squash makes 2 jugs of drink.

i) How many bottles are needed to fill 30 jugs?

\_\_\_\_\_

ii) How many jugs of drink could be made with 26 bottles?

\_\_\_\_\_

4. Each child drinks 3 cups of squash.

i) How many cups are needed for 40 children?

\_\_\_\_\_

ii) If all 160 cups are filled with squash, how many children could have 3 cups each?

\_\_\_\_\_

iii) How many cups would be left over?

\_\_\_\_\_

## Answers

1  $160 \div 5 = 32$

2  $30 \times 5 = 150$

3i  $30 \div 2 = 15$

3ii  $26 \times 2 = 52$

4i  $40 \times 3 = 120$

4ii  $160 \div 3 = 53$  (with remainder 1)

4iii 1 (the remainder from the previous question)