



Camping – Carl

Objectives

The relevant framework objective is:

- find remainders after division (key objective).

Activity description

The teacher asked the pupils to solve the following problem: 'Seventy children are going camping. There is room for six children in each tent. How many tents are needed?'

Commentary

Carl has used his knowledge of the 6 times table and the relationship between multiplication and division to solve this problem. He has checked how reasonable his results are by referring to his knowledge of the context, and he has realised that an extra tent would be required.

Solving division problems that give rise to remainders is an example of performance at level 3 in Ma2.



Items of work

Carl's calculations and solution to the problem

Carl

$$10 \times 6 = 60$$

$$11 \times 6 = 66$$

$$\underline{12} \times 6 = 72$$

12 tents



About this entry

Subject: mathematics
Year: 4
Key stage: 2
NC programme of study: Ma2p3b, Ma2p3f
Attainment target: Ma2
Evidence for: level 3
Framework for teaching mathematics – objectives:

- Find remainders after division.