

You will need

50 'jelly babies'. Dried beans  will do.

Emma's jelly babies

Emma has between 30 and 50 jelly babies.

She counted them in fours.

There were 2 left over.

She counted them in fives.

There was 1 left over.

How many jelly babies
has Emma got?

How did you find out?

Write your answer and bring it to school.



Solution: Emma's jelly babies

Emma has 46 jelly babies.

The problem can be solved by experiment.

Alternatively, list all the multiples of 4.

Add 2 to each number in the list.

Now list all the multiples of 5.

Add 1 to each number in the list.

Now look for a number between 30 and 50 common to both lists.