Make 100

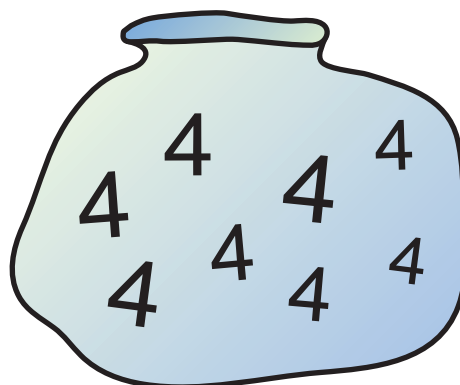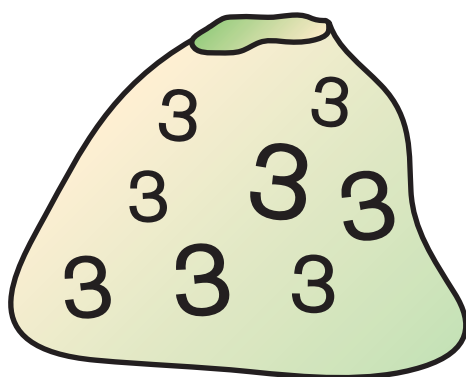## Problem sheet 2

Make 100

Two bags contain a large number of 3s and 4s.

By picking any number of 3s and 4s from each bag, in how many different ways can you make a total of 100?

For example, ten lots of 4 and twenty lots of 3 make a total of 100 easily enough. But nineteen lots of 4 and eight lots of 3 also make a total of 100.