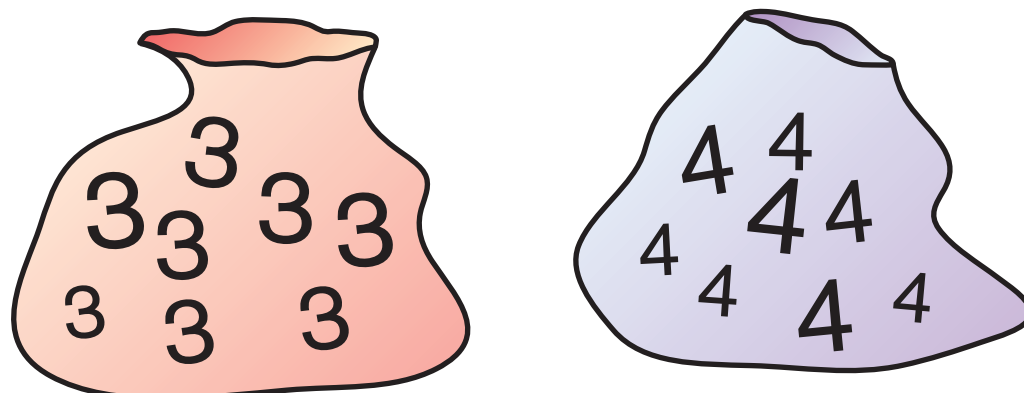


# Make 100

## Problem sheet 1

### Threes and fours

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



By picking any number of 3s and 4s from each bag we can make different totals. For example, a total of 7 can be made using one 3 and one 4, a total of 8 with two 4s ( $4 + 4 = 2 \times 4$ ), a total of 9 ( $3 + 3 + 3 = 3 \times 3$ ) and a total of 10 ( $3 + 3 + 4 = 2 \times 3 + 4$ ).

Try to make totals of 11, 12 and so on up to 20.