

# Left overs

## Problem sheet 1

### Sweets

When the contents of a jar of sweets are divided into two equal piles, one sweet is left over. If that same jar is divided into three, four, five or six equal piles, the remainder would still be one in every case. How many sweets are there?

- Is a solution possible?
- Is there more than one solution?
- Was the result predictable?