

## 4.1 ARRAY, ARRAY

**Objective:** Solve multiplication problems by arranging objects in rows (arrays).

### Instructions

1. Make 1-6 number cards and collect together about 20 small objects such as toy bricks, marbles, pebbles or dried pasta
2. Pick 2 cards at random, e.g. 3 and 6. This is your multiplication sum,  $3 \times 6$ , Set out some objects to match the question, leaving enough space for you to run between the obstacles. Count how many there are as well. For example, you can set  $3 \times 6$  out as three rows of six objects, Run around all the objects, like a slalom obstacle course. Draw the rows you made and note the number sentence, e.g.  $3 \times 6 = 18$
3. Repeat the whole activity for 20 minutes, using different cards each time.

### Challenge

Add a 10 to your digit cards. How quick can you set up an obstacle array, run round it, draw it and write the number sentence?

