

4.1 OBSTACLE ARRAY

Objective: Solve one-step multiplication problems by arranging objects in rows (arrays).

Instructions

1. Make 1-5 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. 2 and 4. This is your multiplication sum, 2×4
3. 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 2×4 out as two rows of four objects
4. Run around all the objects, like a slalom obstacle course
5. Draw the rows you made and note the number sentence, e.g. $2 \times 4 = 8$
6. Repeat the whole activity ten times with different cards each time, or until you have worked for 20 minutes.

Challenge

Add a 6 to your digit cards. How quick can you set up an obstacle array, run round it, draw it and write the number sentence?

