

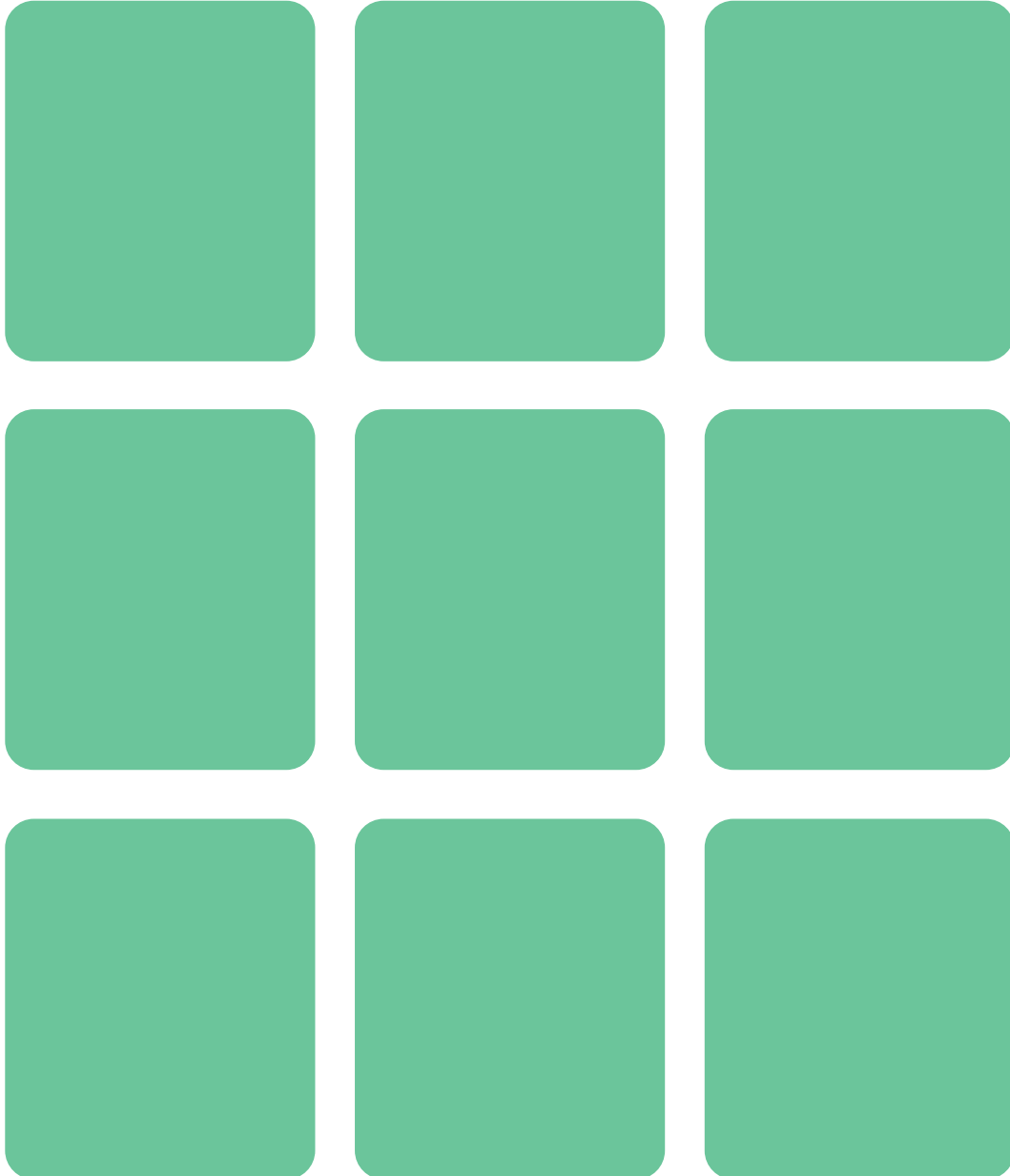
# Where do the numbers go?

Digit cards (1-9)

# 10

Years 1 and 2

Put the digit cards in the right places.



- The 9 goes in the top right-hand corner, and the 4 goes below it.
- The 1 goes between the 6 and the 4. The 3 goes below the 1.
- The 2 goes to the left of the 9.
- The 7 goes in the bottom left-hand corner, and the 6 goes above it.
- The 5 goes above the 6. The 8 goes to the right of the 3.

# Where do the numbers go?

Digit cards (1–9)  
Extension sheet from CD if required  
Recording sheet F for Extension

# 10

## Diagram problems and visual puzzles

Use the clues to work out where the numbers go.

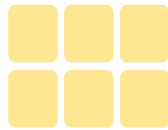
### Learning objectives

- M** Use the language of order and position
- P** Work systematically: use one piece of information at a time to solve a puzzle

### Working on the problem

Getting started:

Draw these six boxes on the board:



Remind children of positional vocabulary by asking questions such as:

- If 6 goes in the top-right hand box, where will it be?*
- If 4 goes below it, where will that be?*
- If 9 goes in the bottom left-hand box, where will that be?*
- If 5 goes between 4 and 9, where will that be?*
- If 3 goes above 5, where will that be?*

Invite children to come to the board to write numbers in the correct position.

Children then tackle the problem on the card.

Support questions:

- Which is the top right-hand corner? Which card goes in it?*
- What card can you now put in a box?*
- Which is the bottom left-hand corner? Which card goes in it?*
- How will you check your work?*

### Problem-solving strategies

This problem requires children to interpret written information about the position of the numbers. Working through the statements in order is a sensible approach, although not the only one. Remind children to check their work by going through each statement in turn at the end.

### Extension problems

You will find an extension on the CD.

### Problem solutions

5	2	9
6	1	4
7	3	8

Extension

Here are two solutions:

4	2	6	6	2	4
9	7	1	1	7	9
3	8	5	5	8	3