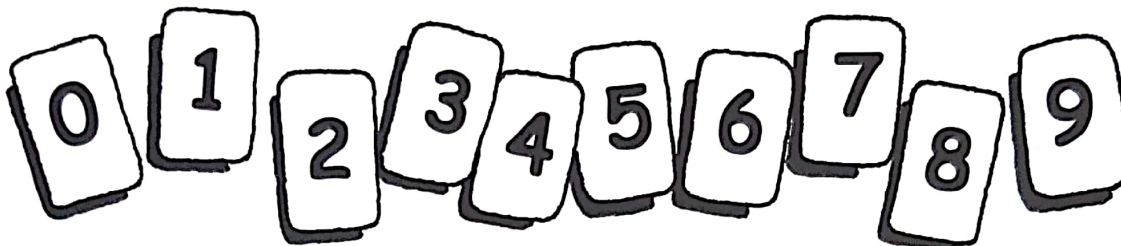
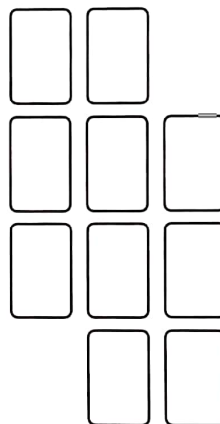


Next door numbers

Take ten cards numbered 0 to 9.



Arrange the cards like this.



Do it so that no two consecutive numbers are next to each other, horizontally, vertically or diagonally.

There are lots of ways to do it.
How many ways can you find?

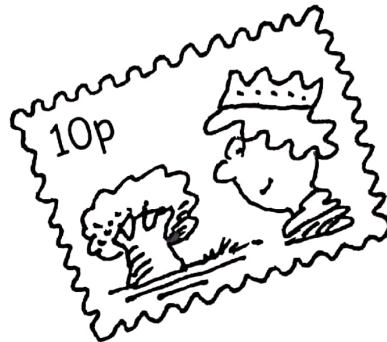
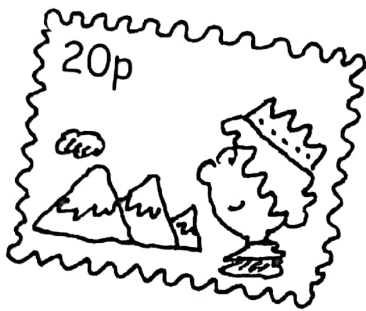
40

Teaching objectives

Solve mathematical problems or puzzles.
Order numbers 0 to 9.
Explain methods and reasoning.

More stamps

Rosie spent £2 on 10p and 20p stamps.



She bought three times as many
10p stamps as 20p stamps.

How many of each stamp did she buy?

44

Teaching objectives

Solve mathematical problems or puzzles.
Begin to use ideas of simple ratio and proportion.
Explain methods and reasoning.