

Day 1

## Sandcastles

Lisa went on holiday.



In 5 days she made 80 sandcastles.

Each day she made 4 fewer castles than the day before.

How many castles did she make each day?

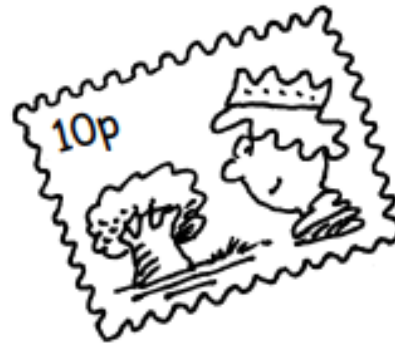
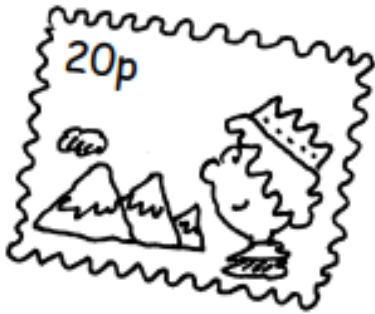
Lisa went on making 4 fewer castles each day.

How many castles did she make altogether?

Day 2

## 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?

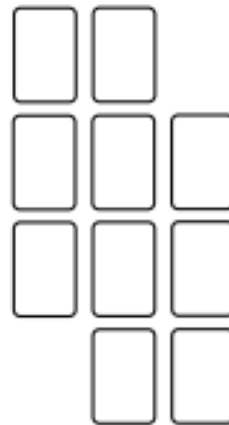
Day 3 (you will need to create cards numbered 0 - 9)

## 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?

## Kieron's cats

Kieron has three cats.  
Each is a different weight.

The first and second weigh 7 kg altogether.  
The second and third weigh 8 kg altogether.  
The first and third weigh 11 kg altogether.

What is the weight of each cat?



## Dan the detective

1. Dan the detective looked for a number.  
He found a two-digit number less than 50.  
The sum of its digits was 12.  
Their difference was 4.  
What number did Dan find?



2. Dan found a two-digit odd number.  
One of its digits was half the other.  
The number was greater than 50.  
What number did Dan find?