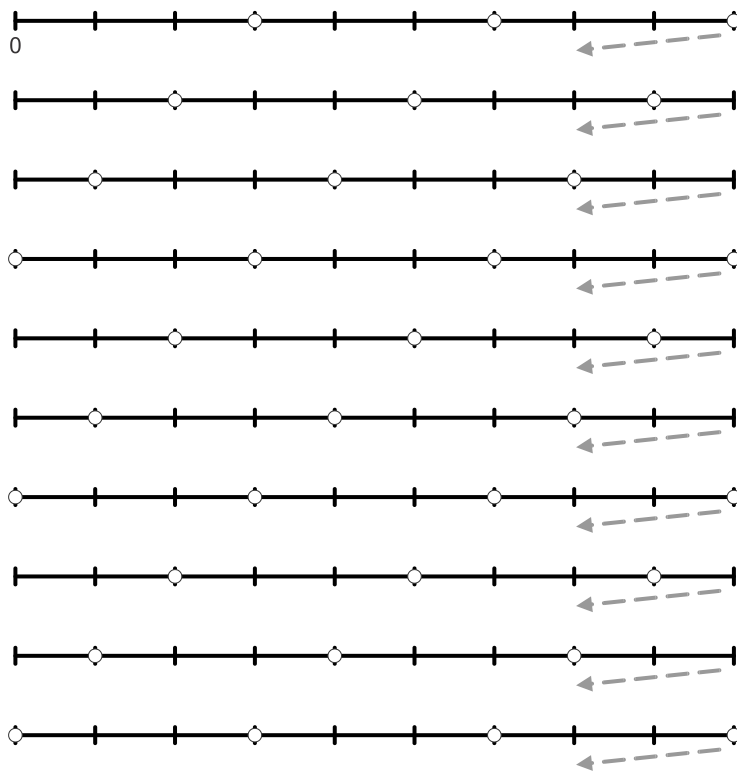


# Colour Spots on a Number Line

## Investigation Guide A

### Part 1



This is one long line.

Pretend it is a zigzag fold.

The arrows tell you to go to the next section and continue.

Colour the spots.

Use only one colour.

There is only one number on the line.

The number is \_\_\_\_\_.

Imagine the other numbers.

Don't write them.

Number 3 is hiding under Spot 1.

Put your finger on 9.

How do you know?

Can you check it another way?

Put your finger on 24.

How do you know?

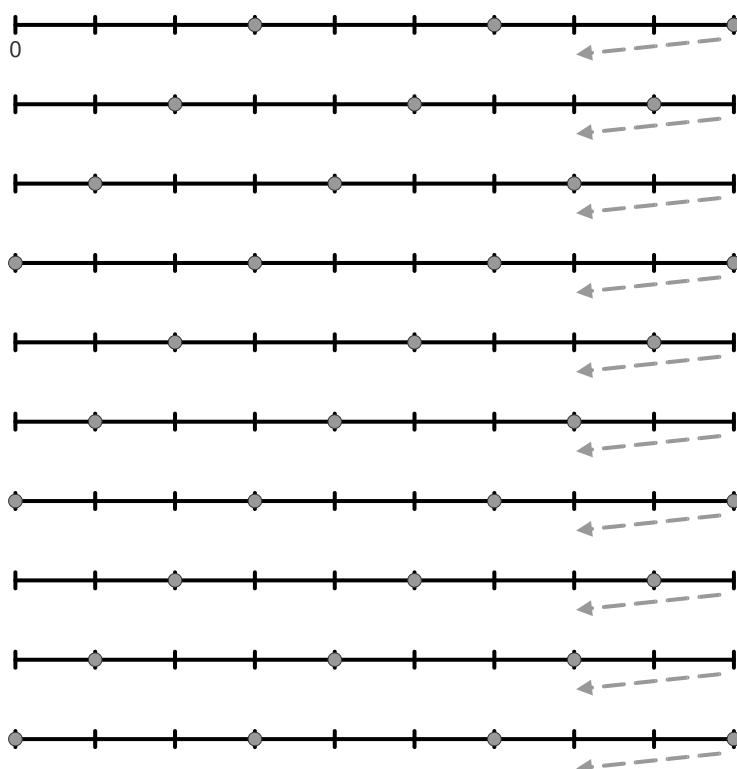
Can you check it another way?

In your journal write a list of the first 12 line numbers. The first four are: 3, 6, 9, 12 ...

Put your finger on your last colour spot.

What number is hiding underneath it? How do you know? Can you check it another way?

### Part 2



Now your spots look like this.

And you have found a number pattern hiding beneath the spots.

Choose a second colour.

Put Spot 1 on one of the marks between 3 and 6.

Start from your new Spot 1.

Use the same colouring pattern to make all the spots you can.

In your journal write a list of the first 12 line numbers hiding beneath your new colour spots.

Put your finger on your last new colour spot.

What number is hiding underneath it? How do you know? Can you check it another way?