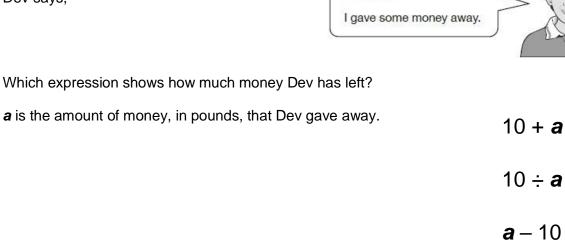
#### Page 1 of 2



## Q2.

# *n* = 22

What is 2*n* + 9?

# 2q + 4 = 100

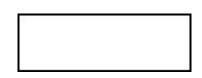
Work out the value of q.

## Q3.

The numbers in this sequence increase by 45 each time.

Write the missing numbers.





10 – **a** 

**a** × 10



Dev says,

q =

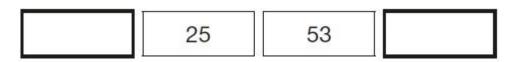
I had £10

# Q4.

In this sequence, the rule to get the next number is

# Multiply by 2, and then add 3

Write the missing numbers.



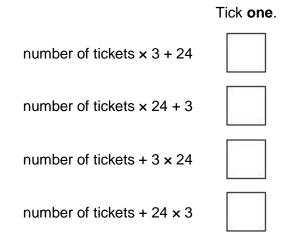
#### Q5.

A theme park sells tickets online.

Each ticket costs £24

There is a £3 charge for buying tickets.

Which of these shows how to calculate the total cost, in pounds?



# Q6.

Substitute the following to work out the values of the expressions.

$$w = 3$$
  $x = 5$   $y = 2.5$ 

• y - w