

Q1.

Dev says,

I had £10
I gave some money away.



Which expression shows how much money Dev has left?

Tick **one**.

a is the amount of money, in pounds, that Dev gave away.

$10 + a$

☐

$10 \div a$

☐

$a - 10$

☐

$10 - a$

☐

$a \times 10$

☐

Q2.

$n = 22$

What is $2n + 9$?

$2q + 4 = 100$

Work out the value of q .

$q =$

Q3.

The numbers in this sequence **increase** by 45 each time.

Write the missing numbers.

155 200 245

Q4.

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

Multiply by 2, and then add 3

Write the missing numbers.

	25	53	
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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?

Tick **one**.

number of tickets \times 3 + 24

☐

number of tickets \times 24 + 3

☐

number of tickets + 3 \times 24

☐

number of tickets + 24 \times 3

☐

Q6.



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

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

- $w + 10$
- $w + x$
- $y - w$