

PREDICT ANSWERS

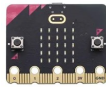
Any answer that suggests it asks a times table question such as $4 \times 5 =$
(1 Mark)

If they say that it then shows the correct answer
(1 mark)

No marks if they just write out the code or planning algorithm

Variables

PRIMM



INVESTIGATE ANSWERS

A, What line of code picks a random number and then assigns it to the variable num1?

Set num1 to pick random 1-12
(1 Mark)

B, What line of code shows what is assigned to the variable num1?

Show num1 (1 Mark)

C, What line of code multiplies both variables together and shows the result?

Show number num1 x num2
(1 Mark)

D, What is the largest times table this programme will work out?

$12 \times 12 =$ (1 Mark)

MODIFY ANSWERS

A, Change the programme so that it will only test up to 12×6 rather than 12×12 . What did you change?

Change num2 random to 1-6 (1 Mark)

B, Change the programme so that it adds pairs of single digit (0-9) numbers such as $6 + 4$ or $9 + 1$. What **things** did you need to change?

1, Change **both** pick randoms to 0-9 (2 Marks for both)

2, Change num1xnum2 to num1+num2 (1 Mark)

3, Change x icon to + icon (1 Mark)

C, Change the programmes so that it takes away a single digit number from a number between 10 and 99. What things did you need to change?

1, Change to num1 random 1-9 2, Change X icon to - 3,

Change to num2 random 10-99, 4, Change show number num1 - num2
1 mark for each total 4 Marks