

<https://my.newtonschool.co/playground/code/xvtepf2kyxaf/>

The image shows a code editor with a dark theme. The browser's address bar at the top displays "my.newtonschool.co/playground/code/xvtepf2kyxaf/". The code being edited is a C++ function named `Multiply` that takes two integers, `n` and `m`, and returns their product using recursion. The code is as follows:

```
1 static int Multiply(int n, int m)
2 {
3     if(n==0 || m==0)
4         return 0;
5
6     if (m == 1)
7         return n;
8
9     return n + Multiply(n,m-1);
10 }
```

Handwritten annotations in yellow and purple are present:

- At the top, "3x4=12" is written in yellow.
- Next to the function signature, "3, 3" and "3, 2, 1" are written in yellow.
- Inside the function, the recursive calls are annotated with purple text and underlines:
  - For `m == 3`, the calculation is shown as  $3 + m(3, 3) = 9$ .
  - For `m == 2`, the calculation is shown as  $3 + m(3, 2) = 6$ .
  - For `m == 1`, the calculation is shown as  $3 + m(3, 1) = 3$ .

On the right side of the editor, there is a yellow-outlined box representing a stack. It contains five cells. The bottom three cells contain the values ~~3~~, ~~3~~, and ~~3~~ (each crossed out with a purple line), representing the recursive calls. The top two cells are empty.