12. Varsha

Program Name: Varsha.java   **Input File: varsha.dat**

You are playing Minecraft, and a new kind of ore, Varsha, has been added in the latest update. You, being the expert Minecrafter you are, have given yourself a mission. You are setting out to find the largest "vein" of Varsha in a given chunk. A "vein" is a contiguous blob of a certain ore, where every block of that ore in that blob is directly contiguous to another block of the same ore. Blocks can only be contiguous in 6 directions, up, down, left, right, forward and backward.

Input: The input will begin with an integer, n ($0 < n <= 1000$), denoting the number of test cases to follow. Each test case will begin with 3 integers, d, r, and c, denoting the number of levels, rows, and columns in the given chunk to be scanned. The following r lines will each contain c characters denoting all the characters in the first level of the chunk. All d levels will be given in this manner, with r lines of c characters denoting each level.
The chunks will be made up of the following characters:

- # – Denotes a dirt block.
- * – Denotes a diamond ore block.
- V – Denotes a Varsha ore block.
- @ – Denotes a stone block.
- o – Denotes a redstone ore block.
- % - Denotes a gravel block.

Output: For each chunk, output the size of the largest "vein" of Varsha you find.

Sample input:
```
2
2 5 6
###ooV
#oooVV
**oV#o
***Voo
%%VV##
####VV
###V%%
#oooo%
V*oo%%
VVoo%%
3 3 3
VoV
###
#V#
**V
*VV
###
###
VV#
###
```

Sample output:
```
5
6
```