



Computer scientists are a fun bunch!

The truth is, there's no easy way to calculate the formula here. You have to experiment and try to find something that works. Sometimes algorithms aren't an exact recipe. They're a framework that you build your idea on top of.

Try to come up with a solution to this problem yourself. I'll give you a hint—part of the grid looks like this.

	H	I	S	H
F	0	0		
I				
S			2	0
H				3

What are the other values? Remember that each cell is the value of a *subproblem*. Why does cell (3, 3) have a value of 2? Why does cell (3, 4) have a value of 0?

Read on after you've tried to come up with a formula yourself. Even if you don't get it right, my explanation will make a lot more sense.