THA GOUN SQUARE

Grateful Undead



UNDERGRAD

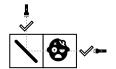
It's so dark in this haunted mirror maze that you can't see anything at all!

Each blank cell in a grid contains a ghost, a zombie, or a vampire. Each number

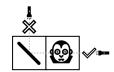
Each blank cell in a grid contains a ghost, a zombie, or a vampire. Each number outside the grid indicates how many monsters you can see when you stand outside in that position and shine a flashlight into the grid. Whether you can see each monster in your line of sight (which bounces off of mirrors at 90-degree angles) depends on the type of monster and whether they are before or after your line of sight reaches a mirror. Figure out where the monsters are in each maze before you bump into them!



Ghosts are *not* visible directly, but their reflections *are* seen in mirrors.

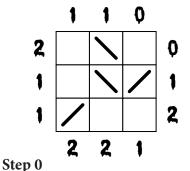


Zombies *are* visible directly and their reflections *are* seen in mirrors.

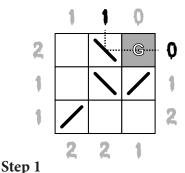


Vampires *are* visible directly but their reflections are *not* seen in mirrors.

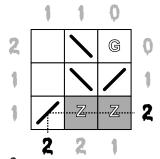
Example Puzzle



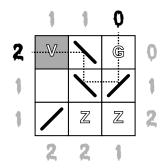
Each puzzle is provided as a grid of cells, some of which contain mirrors. Each perimeter has a number.



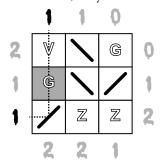
The lines of sight between the top 1 and the righthand 0 are indicated by the dotted line. The monster in the shaded cell is not seen directly but their reflection is seen. Thus, it must be a ghost.



Step 2
The lines of sight between the bottom 2 and the righthand 2 are indicated by the dotted line. The monsters in the shaded cells and their reflections are seen directly. Thus, they must be zombies.



Step 3 The lines of sight between the lefthand 2 and the top 0 are indicated by the dotted line. The reflection of the monster in the shaded cell is not seen. Thus, it must be a vampire.



Step 4

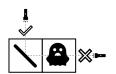
The lines of sight between the lefthand 1 and the top 1 are indicated by the dotted line. The monster in the shaded cell is not seen directly, because the top 1 is already satisfied by the vampire below it that *can* be seen directly. Thus, it must be a ghost.



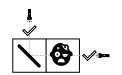
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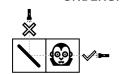
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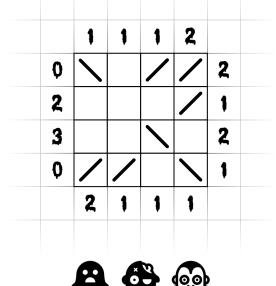
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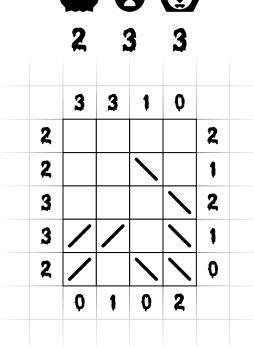


	2	2	4	2		
2	\			/	Q	
1		/			3	
2					4	
Q					Q	
	Q	Q	4	Q		



	3	1	2	1		
2			/	/	1	
1		\		/	1	
2			/	/	Q	
3	/				Q	
	2	1	Q	2		



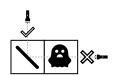


ALL DALE EXTERNO OZ

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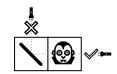
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	1	1	1	3		
Q		/	/	/	2	
2				/	1	
1		/			3	
1		/		/	1	
	2	Q	3	3		

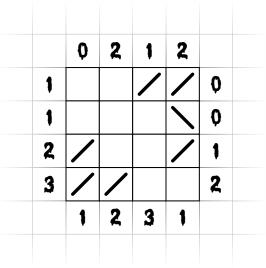


	Q	2	2	3		
1				/	Q	
3					3	
2	/		\		2	
1	/	/			2	
	3	Q	2	3		



	1	Q	2	1	2		
3		\	\			1	
Q			/			4	
2					\	2	
Q	/				\	3	
	2	1	2	2	2		







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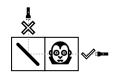
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	% :•••

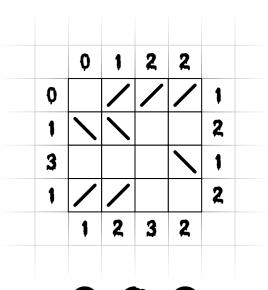
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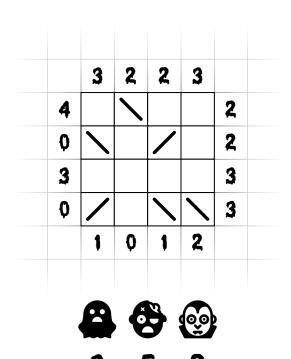


	2	1	1	1		
3	\	\		/	Q	
3					3	
2		/	/		2	
3				/	Q	
	3	1	2	2		



	1	2	1	3		
3		\	\		1	
Q	/				3	
2	/				2	
Q				\	3	
	1	1	2	2		

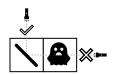




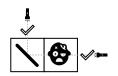


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