Use Dijkstra's algorithm to compute shortest paths from Rivendell, in the following table. If an entry in a row is the same as in the row above it, you need not enter it again. You need not keep backpointers. "Δ Cloud" means which node was added to the cloud at that step.

Step	Rivendell	Moria	Lorien	Fangorn	H's Deep	M. Tirith	C. Ungol	B. Gate	Mt. Doom	Δ Cloud
0										
1										
2										
3										
4										
5										
6										
7										
8										
9										