

5) “A policeman sees a drunk man searching for something under a streetlight and asks what the drunk has lost. He says he lost his keys and they both look under the streetlight together. After a few minutes the policeman asks if he is sure he lost them here, and the drunk replies, no, and that he lost them in the park. The policeman asks why he is searching here, and the drunk replies, ”the light is better here”.”

In the light of this project, the joke or short story was originally told to explain what the streetlight effect is. That is the phenomena that people search for things that they are looking for only where it is easiest to look. In our project, in the search Rule 2 is a perfect example of what the drunkard did in the joke above. He looks under the streetlight where it is well lit because that light gives him the highest chance of finding his keys, even though he had the knowledge that his keys were not there. This is just like how the Rule 2 tells the search to look for the target in the places with the highest probability to find the target.