

7-2a. In the function, when j iterates, it is going to start at a completely new row. This only takes advantage of the next element in the cache. That means that the miss rate would be 25% because you would get 1 miss and 3 successful hits

7-2b. In the function $g()$, when j iterates, it is going to start in a new column. When we have a miss, we bring 2 elements from memory and go through the columns instead of the rows first. This means the miss rate would be 12.5% because there is one miss for every 7 successful hits.