CS 544, Cache Policy Worksheet

Problem 1   FIFO, size 2:

	recent

Data Hit?

1 ☐
2 ☐
1 ☐
3 ☐
1 ☐

Hit Rate: _____

Problem 2   LRU, size 2:

	recent

Data Hit?

A ☐
B ☐
A ☐
C ☐
A ☐

Hit Rate: _____

Problem 3   FIFO, size 3:

	recent

Data Hit?

W ☐
W ☐
X ☐
Y ☐
Y ☐
Z ☐
Y ☐
X ☐

Hit Rate: _____

Miss latency: 20 ms

Hit latency: 0.1 ms

Average latency: _____

Problem 4   LRU, size 4:

recent

Data	Hit?
3	☐
4	☐
5	☐
6	☐
7	☐
3	☐
4	☐
5	☐
6	☐
7	☐

Hit Rate: _____

Problem 5   LRU, size 5:

recent

Data	Hit?
3	☐
4	☐
5	☐
6	☐
7	☐
3	☐
4	☐
5	☐
6	☐
7	☐

Hit Rate: _____