

4.) Fully Associative Cache = 16 bytes

Line Size = 1 byte

LRU Replacement Strategy

Reference	Hit/Miss	Set	TAG
1	Miss	1	1
2	Miss		2
3	Miss		3
1A	Miss		1A
A	Miss		A
1B	Miss		1B
16	Miss		16
14	Miss		14
3	Hit		12
12	Miss		9
9	Miss		23
23	Miss		3A
3A	Miss		5
5	Miss		19
19	Miss		
1	Hit		
9	Hit		

Hit Rate = 3/17

5.) Fully Associative Cache = 16 bytes

Line Size = 4 bytes

LRU Replacement Strategy

Reference	Hit/Miss
1	Miss
2	Hit ✓
3	Hit ✓
1A	Miss
A	Miss
1B	Hit ✓
16	Miss
14	Hit ✓