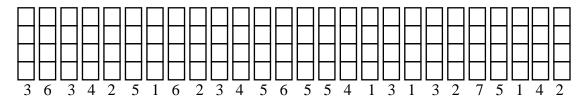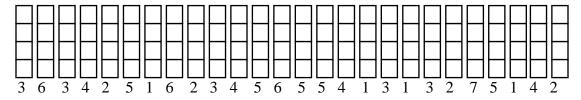Name _____

1. Consider a reference string:
   3 6 3 4 2 5 1 6 2 3 4 5 6 5 5 4 1 3 1 3 2 7 5 1 4 2
   There are a total of 4 page frames available.

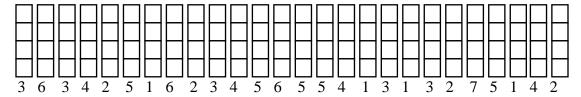   **a.** Construct the page replacement table for FIFO algorithm and record how many page faults. **Fill in the page table after each reference.**

3	6	3	4	2	5	1	6	2	3	4	5	6	5	5	4	1	3	1	3	2	7	5	1	4	2

   b. Construct the page replacement table for LRU algorithm and record how many page faults. **Fill in the page table after each reference.**

3	6	3	4	2	5	1	6	2	3	4	5	6	5	5	4	1	3	1	3	2	7	5	1	4	2

   c. Construct the page replacement table for 2nd chance algorithm and record how many page faults. **Fill the page table after each reference.**

3	6	3	4	2	5	1	6	2	3	4	5	6	5	5	4	1	3	1	3	2	7	5	1	4	2

   d. Construct the page replacement table for MFU algorithm and record how many page faults. **Show the page table after each reference.**

3	6	3	4	2	5	1	6	2	3	4	5	6	5	5	4	1	3	1	3	2	7	5	1	4	2