59, 70, 31, 88, 22, 4, 68, 28, 15, 34, 17.

A_

h(k) = i mod 11

0

10

3

4 59

5

6 28

7

8 17

9

10

B)

 $f(K)=i^2$ mod 11

2 22

7 68

h(K) = (K mad 11 + i(1+ (kmad 8))) mad 11

$$4+i(8) \stackrel{||}{=} 1 :$$

$$+i(2) \stackrel{||}{=} 8$$

$$7+i(3) \stackrel{||}{=} 5 : 3$$

D) Random Probing

0	88	-22 mod 11 _ 0
1	34	random number: 3
2	68	-4 mad 11 = 4
3	22 + 3	random number: 7
4		-15 mod 11 = 4
5	4+1	random number:3
6	28	- 17 mod 11 = 6
7	15+3	random number: 2 -36-
8	17+2	
9	31	
10	10	