1a.
Linear Quotient

Array index	element	collisions
0	13	0
1	27	0
2	26	1
3	109	3
4		
5	53	1
6	49	2
7		
8	138	0
9		
10	10	0
11	174	1
12	24	1

1b.
Bucket

Array index	element
0	10
1	
2	
3	53,13
4	174,24
5	
6	26
7	27
8	138
9	109,49

2.

Key	Linear array - (length of collision path + 1)	Buckets - (# of elements in linked list compared)
53	2	2
138	1	1
109	4	2
49	3	2
174	2	2
26	2	1