

Key	$h_1(\text{Key})$ Calculation	Home Slot	Probe Seq
25	$\left( \frac{(25+19)(25+11)}{15} + 25 \right) \bmod 13 \Rightarrow 1306 \bmod 13 = 0$	0	
14	$\left( \frac{(14+19)(14+11)}{15} + 14 \right) \bmod 13 \Rightarrow 69 \bmod 13 = 4$	4	
9	$\left( \frac{(9+19)(9+11)}{15} + 9 \right) \bmod 13 \Rightarrow 46 \bmod 13 = 7$	7	
7	$\left( \frac{(7+19)(7+11)}{15} + 7 \right) \bmod 13 \Rightarrow 38 \bmod 13 = 12$	12	
5	$\left( \frac{(5+19)(5+11)}{15} + 5 \right) \bmod 13 \Rightarrow 30 \bmod 13 = 4$	4 (collision)	[4, 9]
3	$\left( \frac{(3+19)(3+11)}{15} + 3 \right) \bmod 13 \Rightarrow 23 \bmod 13 = 10$	10	
0	$\left( \frac{(0+19)(0+11)}{15} + 0 \right) \bmod 13 \Rightarrow 13 \bmod 13 = 0$	0 (collision)	[0, 1]
21	$\left( \frac{(21+19)(21+11)}{15} + 21 \right) \bmod 13 \Rightarrow 106 \bmod 13 = 2$	2	
6	$\left( \frac{(6+19)(6+11)}{15} + 6 \right) \bmod 13 \Rightarrow 34 \bmod 13 = 8$	8	
33	$\left( \frac{(33+19)(33+11)}{15} + 33 \right) \bmod 13 \Rightarrow 185 \bmod 13 = 3$	3	
25	DUPLICATE KEY		
42	$\left( \frac{(42+19)(42+11)}{15} + 42 \right) \bmod 13 \Rightarrow 257 \bmod 13 = 10$	10 (collision)	[10, 8, 6, 4, 2, 0... rehash table
24	$\left( \frac{(24+19)(24+11)}{15} + 24 \right) \bmod 13 \Rightarrow 124 \bmod 13 = 7$	7 (collision)	Rehash
107	$\left( \frac{(107+19)(107+11)}{15} + 107 \right) \bmod 13 \Rightarrow 1048 \bmod 13 = 6$	6	