

		41			18-44-31	32	59	73	22			
0	1	2	3	4	5	6	7	8	9	10	11	12

18, 41, 22, 44, 59, 32, 31, 73

$h(k) = k \bmod 13$

$h(18)=5, h(41)=2, h(22)=9, h(44)=5, h(59)=7, h(32)=6, h(31)=5,$

$h(73)=8$

$1 + 1 + 1 + 2 + 1 + 1 + 3 + 1 = 11 \quad \text{avg } 11/8 = 1.4$

		41			18	44	59	32	22	31	73	
0	1	2	3	4	5	6	7	8	9	10	11	12

18, 41, 22, 44, 59, 32, 31, 73

$h(k) = k \bmod 13$

$h(18)=5, h(41)=2, h(22)=9, h(44)=5, h(59)=7, h(32)=6, h(31)=5,$

$h(73)=8$

$1 + 1 + 1 + 2 + 1 + 3 + 6 + 4 = 19/8 = 2.4$

31		41			18	32	59	73	22	44		
0	1	2	3	4	5	6	7	8	9	10	11	12

18, 41, 22, 44, 59, 32, 31, 73

$h(k) = k \bmod 13$

$h(18)=5$, $h(41)=2$, $h(22)=9$, $h(44)=5$, $h(59)=7$, $h(32)=6$, $h(31)=5$,

$h(73)=8$

$d(44)=7 - (44 \bmod 7) = 7 - 2 = 5$

$d(31)=7 - (31 \bmod 7) = 7 - 3 = 4$