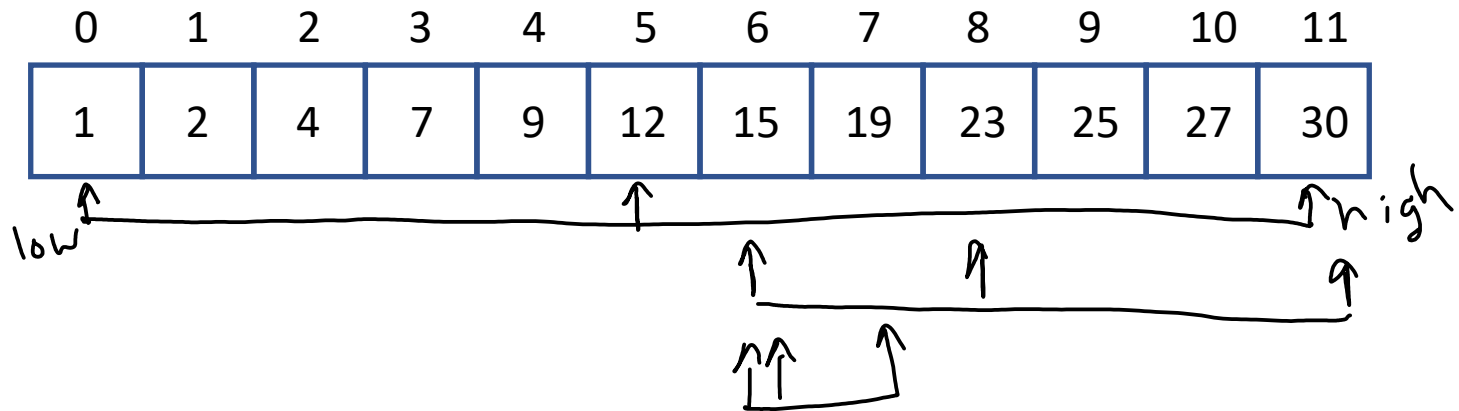


Binary Search (n=15)

Data must be in order.
in order.

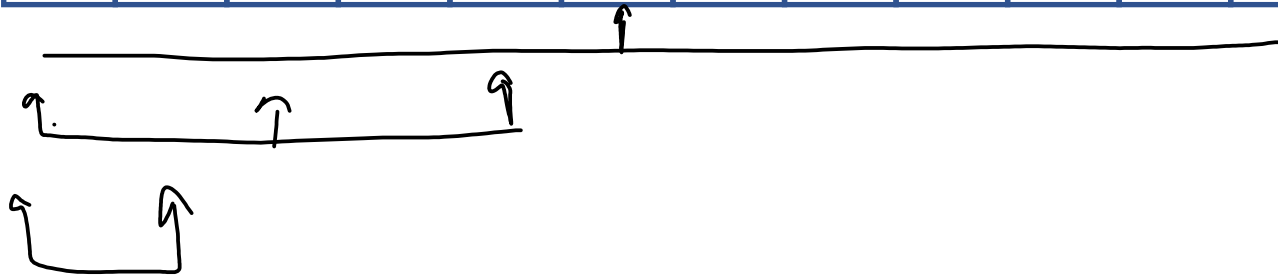


index	low	high	mid	data[mid]
	0	11	5	12
	6	11	8	23
	6	7	6	15

$12 < 15$
 $23 > 15$
 $15 = 15$

Binary Search (n=3)

0	1	2	3	4	5	6	7	8	9	10	11
1	2	4	7	9	12	15	19	23	25	27	30



low	high	mid	data[mid]
0	11	5	12
0	4	2	4
0	1	0	1
1	1	1	2
2	1		

12 > 3
4 > 3
1 < 3
2 < 3

2 > 1

Compare Searches

