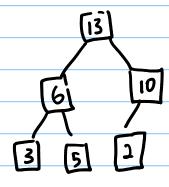
Hashing Separate chaining: XX 24 26 15 24 24 1/4 1/8 °15 16° h64= 2%11 27 35 Linear probing: N 1/2 1/5 22 2/15 2/1 2/1 1/1/8 3 4 5 6 11 22 35 24 15 16 27 29 19 h(4) = 27011 Double hashing: 4 16 24 38 26 28 18 24 29 18 13 13 35 24 22 16 27 15 19 20 29 h(x) = x3/011  $h_2(x) = (x \% 3) + 1$ Use separate chaining, with sorted chains If we insert k=2N items, then

	<u>Best</u>	Worst
#. Key comps to do inserts		
Average #. of key comps per search		

Heaps

insert(13) insert(6) delete insert(2) delete



Tries

Words: 50 box jews boon boot axe job boots sore

