

p-nH= n

Mosta theorer ijuls p.3 &5 T(n)=0(nlogn) T(n) = 12 (nlogn) by defn of 6 8.1-1) Sullest possible septh of a leaf for a composion soit would be n-1 - that is how mony elevents it would have to compose to a single elevent to determe how morn one greater less than that element 5.3-2) Stable sorts insertion - preserves order nerge - preserves order people - order from original array destroyed to preserve heap projectly guilhout - 20 - duplinte order is disturbed by the partition with soch away elevant a toy Telling its original probey in the input orray, for exorgle, see The following dearan



