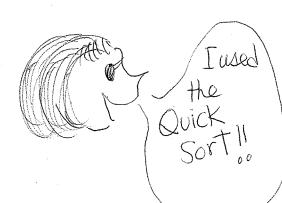


$$F(N) = O(N)$$
 $N-1 \text{ must lose}$



Divide & Conquer Sorting



$$W(N) = O(N^2)$$
 $W(N) = O(N^2)$
 VS
 VS



That's not ouick.

I used the Merge Sort!

 $W(N) = O(N \log_2 N)$ $B(N) = O(N \log_2 N)$ All the work is in Combine



But You wild a lot of SPACE:







do any better than this. F(N)=O(NlogzN)
comparisons



Radix Sort Joesna use Comparisons. RADIX W(N)=O(NoK)

