











## **Deterministic selection**

• Homework: analyze with groups of 4 elements and groups of 6 elements.

- Observe that we can get deterministic variant of quicksort !
  Can use as a black-box O(n) partitioning into 2 equal parts.
  We get recurrence T(n)=2T(n/2)+Q(n), giving us Q(n ig n) total running time.
  (do you think it will work well in practice ??)

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