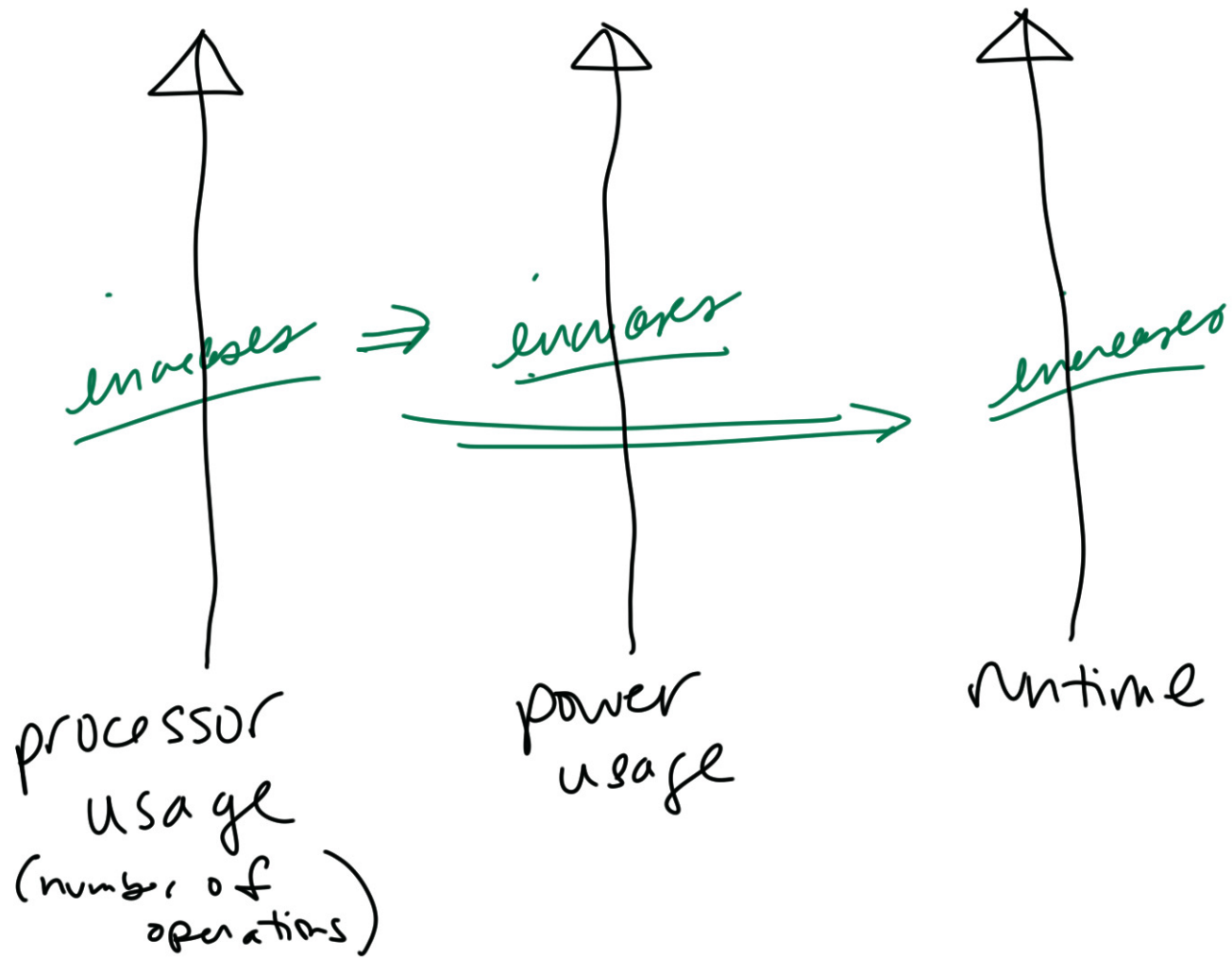


complexity
of tasks

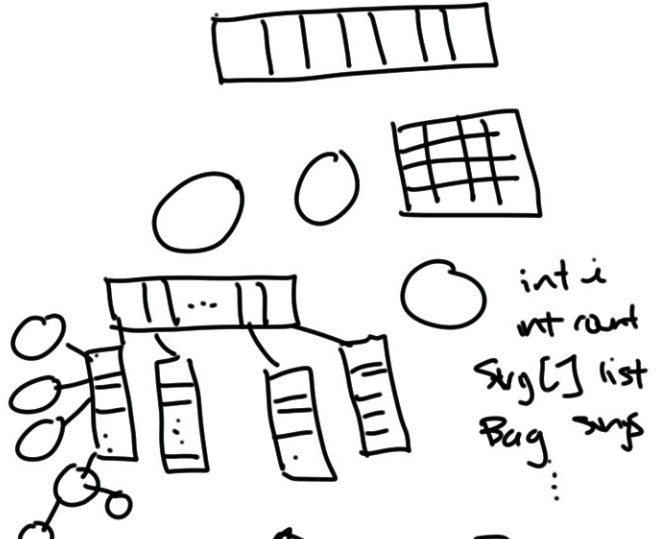
size of
dataset
(n)

need for
efficient
algorithms



Analysis of Algorithms

• Space Complexity



$5n^2 + 2n + 1 \Rightarrow O(n^2)$

• Time Complexity

"big Oh of n" $O(n)$
the limit as $n \rightarrow \infty$

