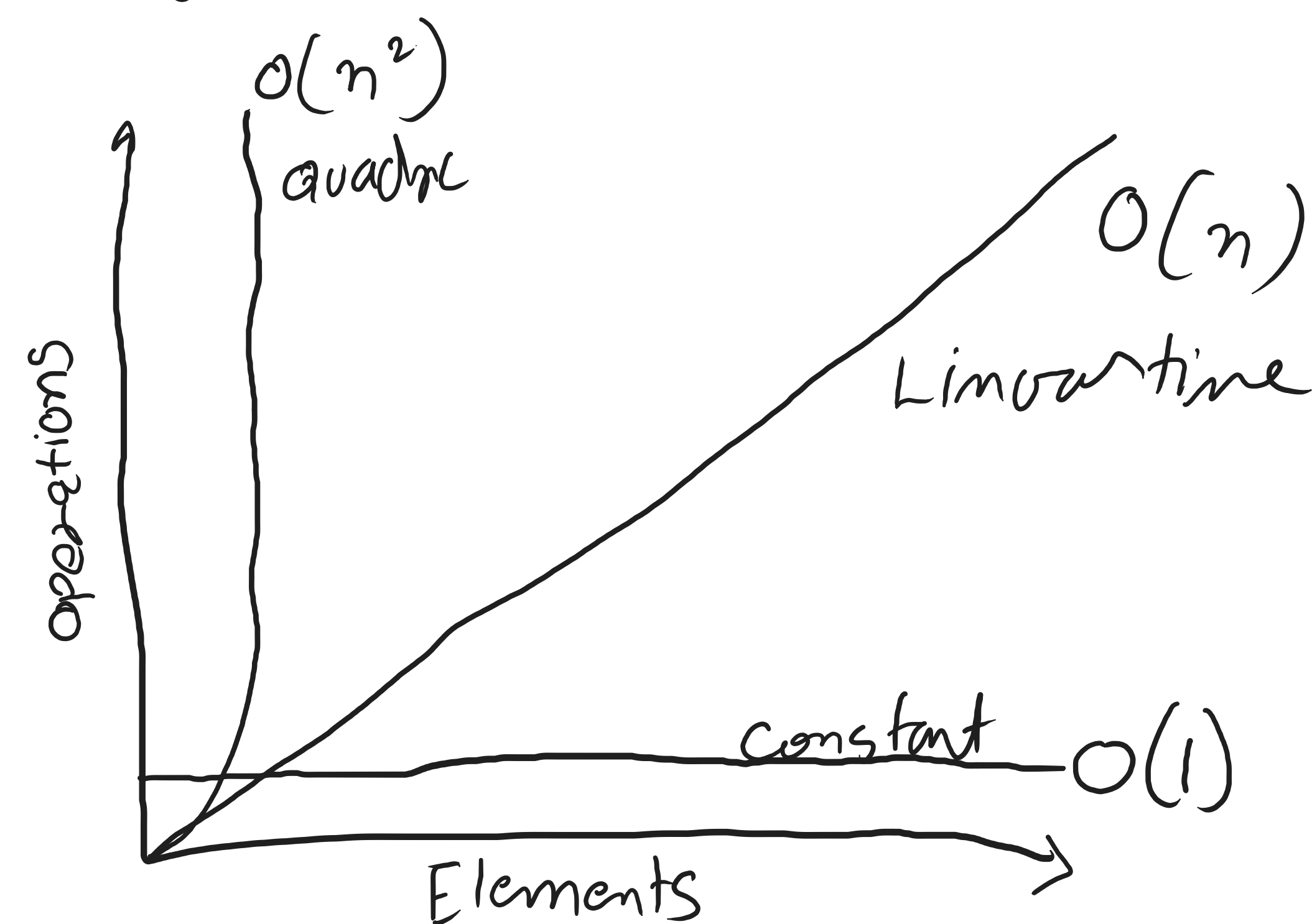
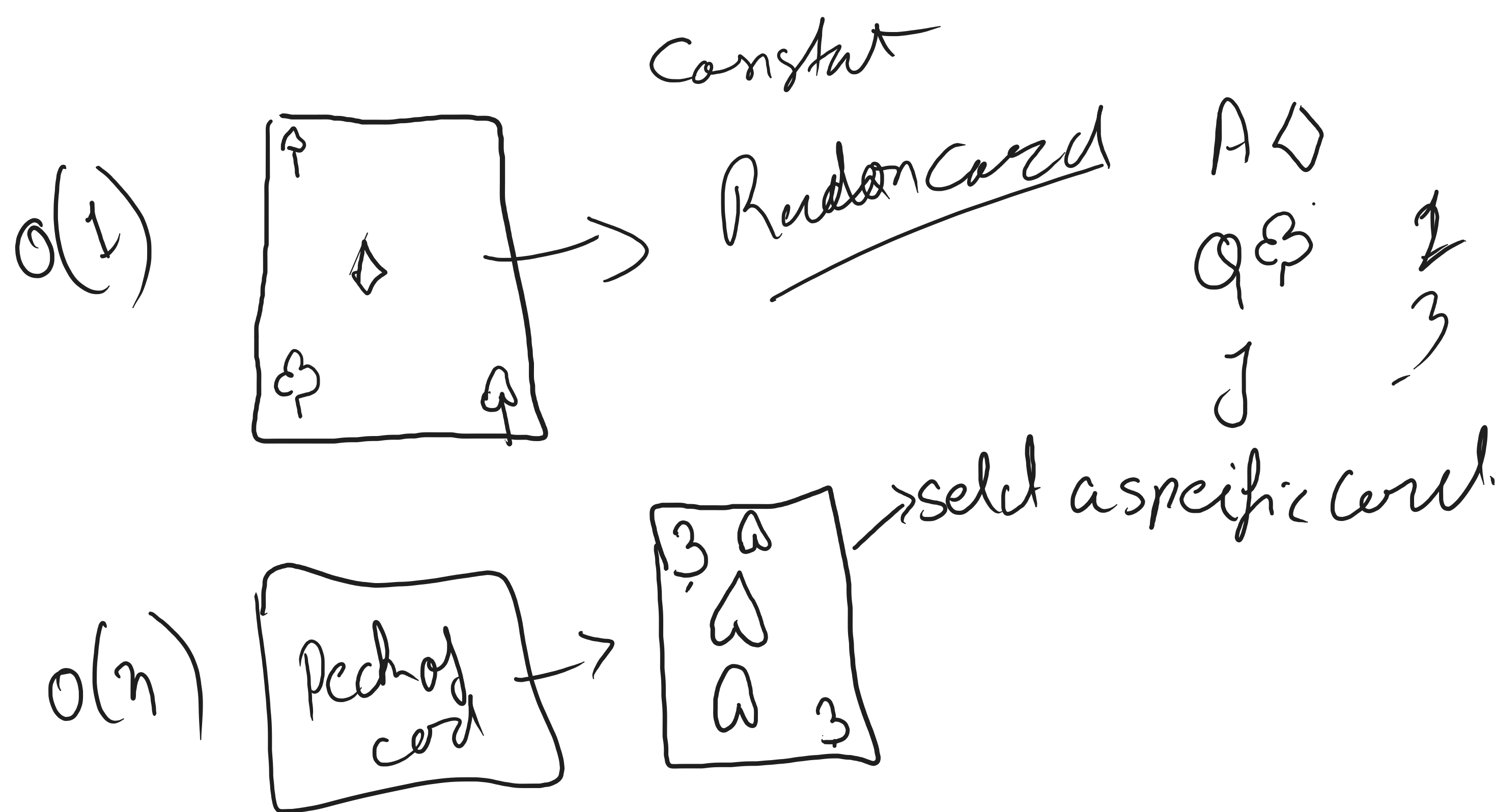


$\Omega$   
omega  
↓  
Best case

$\Theta$   
Theta  
↓  
Avg case

$O$   
Omicron  
↓  
Worst case



Constants Remove

```
for(int i=0; i<=n; i++) {
    System.out.print(i+" "); // O(n)
}
```

$\rightarrow O(n)$

```
for(int i=0; i<=n; i++) {
    System.out.print(i+" "); // O(n)
}
```

$\rightarrow O(n) + O(n)$

$n+n=2n$

$O(n)$

$\underline{O(n)}$

Complexity  $\rightarrow \underline{O(n)}$

