

~~Find~~

MP:

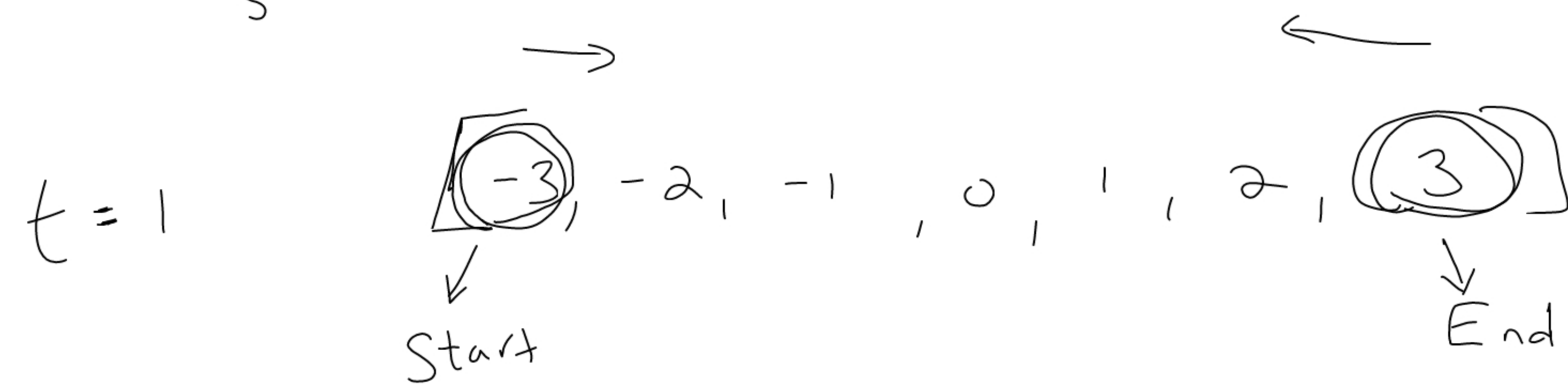
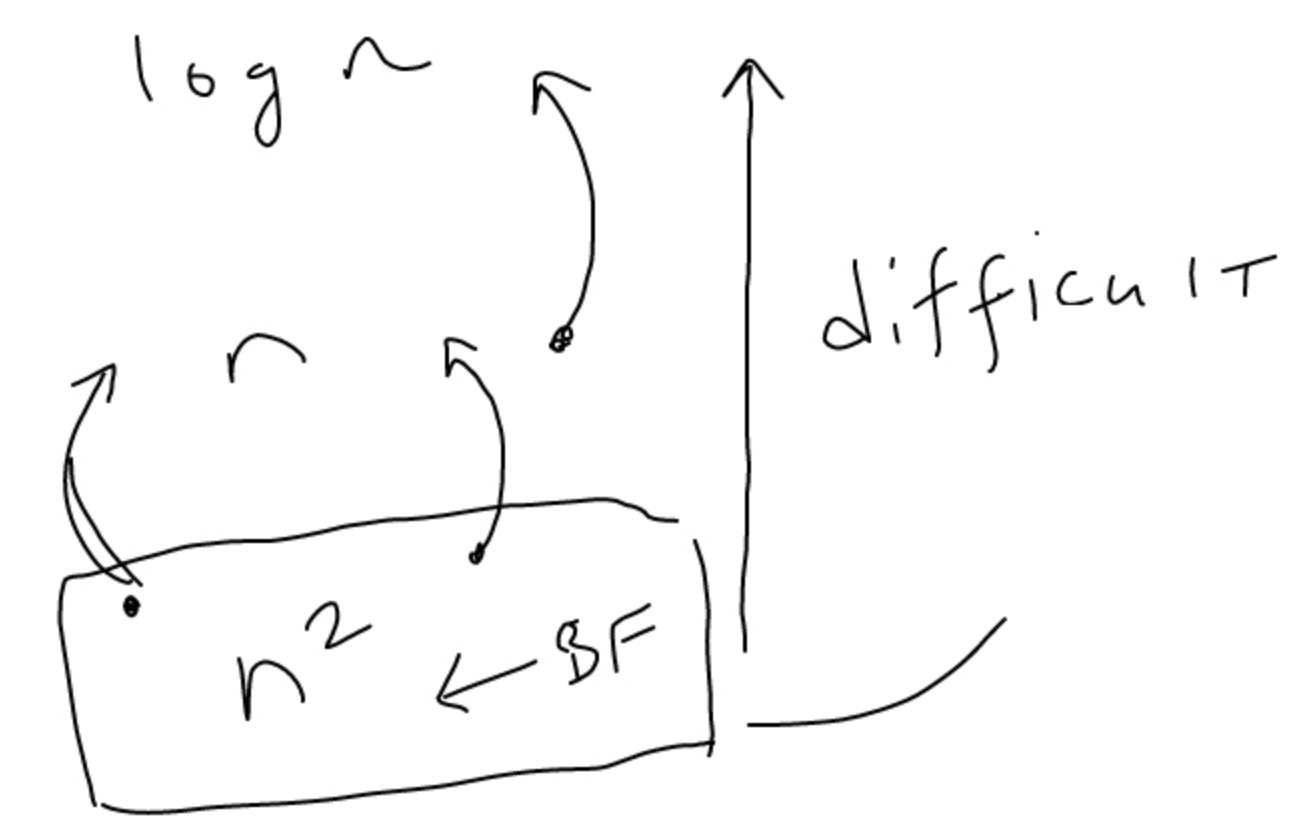
- $n^2 \rightarrow n$
- comparing 2 numbers
OR 2 strings
- Sorted array ✓

$[-3, -2, -1, 0, 1, 2, 3]$

3 possible solutions

• 2 ↗

```
for (let i = 0; i < arr.length; i++) {  
  for (let j = i + 1; j < arr.length; j++) {  
    if (arr[i] + arr[j] === 0) {  
      return [arr[i], arr[j]]  
    }  
  }  
}
```



Boiler plate:

- create 2 pointers
- Set up a loop to compare these #'s
- ↗ $\hookrightarrow \text{sum} = \text{arr}[\text{left}] + \text{arr}[\text{right}]$

```
if (sum === 0) {  
  return [arr[left], arr[right]]  
} else if (sum > 0) {
```

right--

```
} else {  
  left++
```

```
}
```