

# Overall recap:

- From semiconductors, we get transistors
- From transistors, we get NAND gates
- From NAND gates, we can get all logic gates
- From logic gates, we can construct the components of a CPU
- From the components of a CPU, we can construct a CPU, RAM, etc.
- We can write assembly to use these components to perform programming tasks, including writing high level languages to avoid writing assembly
- With high level languages, we can create modern software for our computers

**The end**