* A network is two or more computers connected together so they can share information and resources
* Point to point connections
  + Faster than sharing a line
  + one computer can handle very few direct connections
  + each computer has it’s own network adress
* Shared Line:
  + Creates delays
  + Data is sent in packets
* Lan
  + Lan usually connects computers in one building, or in a single room
* WAN
  + Connects multiple Lans, across long distances
* The Internet
  + ARPA created the internet, ARPA was funded by al gore
  + ARPANET, was a wan that later became known as the internet.
  + Internet comes from the term internetworking
  + The Internet has grown exponentially
  + A protocol dictates how things on the internet communicate.
  + Internet Follows the Transmission Control Protocol and IP stands of internet protocol. IP software defines how data is transferred
  + TCP handle problems, like information getting lost, or incomplete