

Moore's Law

Define Moore's law and explain why it has now stopped being true. Be sure to describe all of the physical limitations that have prevented Moore's law from continuing to be true.

Moore's law is an observation that the number of transistors double every 2 years.

Moore's law stopped being true because more transistors means more heat in our microchip, that is because if power increases temperature increases.

Transistors consume power when they switch.
Power increases as transistor density increases.