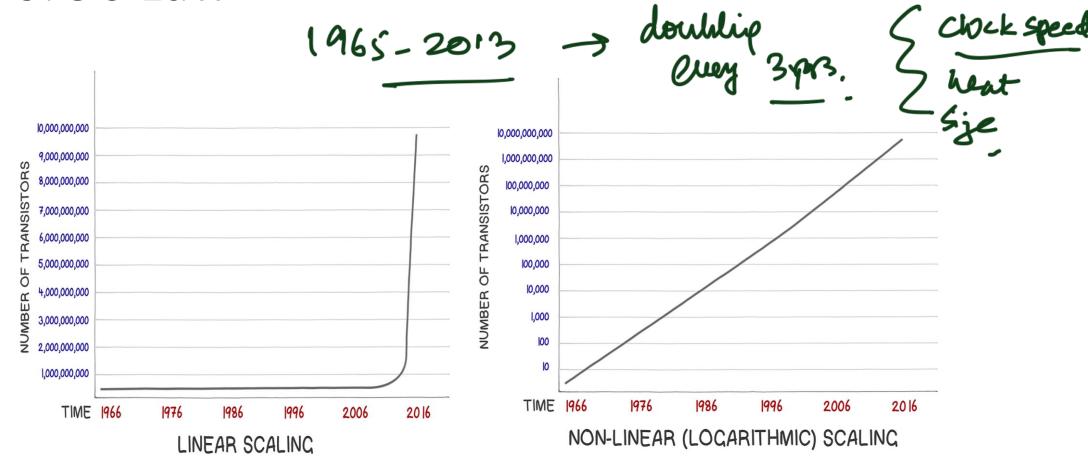
## Moore's Law

efficiency -> m. y transistres in an I c.



Ack: https://www.youtube.com/watch?v=aWLBmapcJRU

every tao years

## Designing Combinational logic Corcuits.

Tic tac toe.

Tic tac foe.

$$\frac{1}{2}\frac{2}{3}$$
 $\frac{1}{3}\frac{2}{6}$ 
 $\frac{1}{5}\frac{2}{6}$ 
 $\frac{1}{5}\frac{2}{6}\frac{1}{6}$ 
 $\frac{1}{5}\frac{2}{6}\frac{1}{6}$ 
 $\frac{1}{5}\frac{1}{6}\frac{1}{6}\frac{1}{6}$ 
 $\frac{1}{5}\frac{1}{6}\frac{1}{6}\frac{1}{6}\frac{1}{6}\frac{1}{6}$ 
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 $\frac{1}{5}\frac{1}{6}\frac{1}{6}\frac{1}{6}\frac{1}{6}\frac{1}{6}\frac{1}{6}\frac{1}{6}\frac{1}{6}$ 
 $\frac{1}{5}\frac{1}{6}\frac{1$ 

