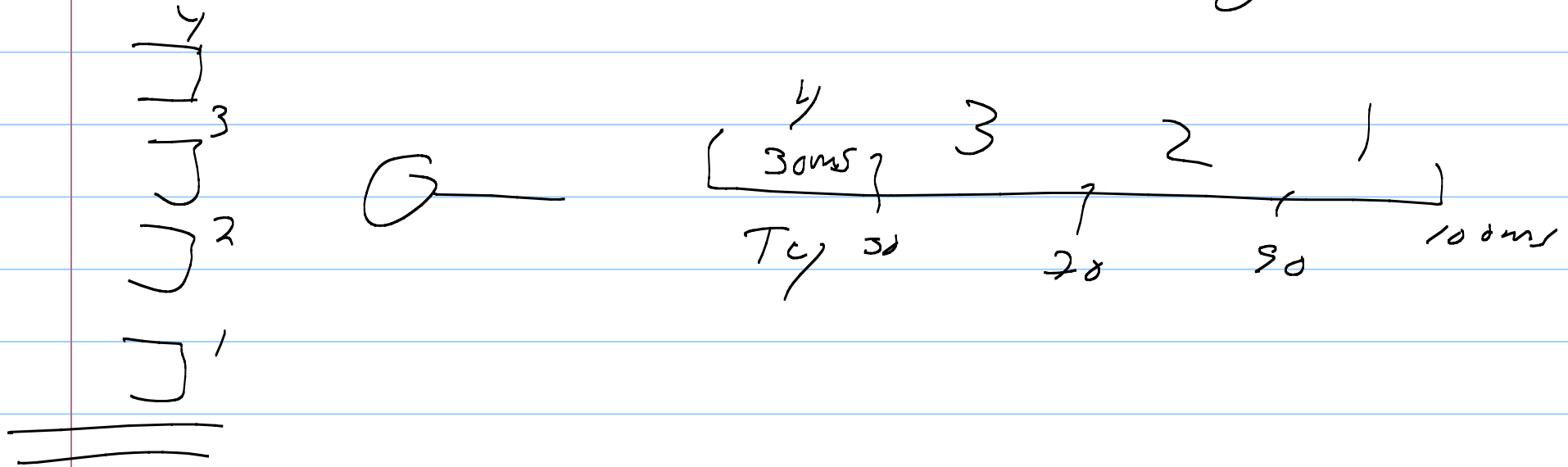


Nov-4-2014

Note Title

8/28/2014

Penetration Test 2 12/4 & project 2 last  
day class



- Contention Protocol for CSMA/CD  
802.3

+ Unsifted 1-persistent CSMA/CD

+ Binary Exp Backoff delay

+ Packet structure

- Switched Ethernet  $\rightarrow$  no contention
  - + Scale up 10mb/s  $\rightarrow$  100Gb
- LAN
- Define NE
  - + Routers, Switches, Bridges, Repeaters
  - + Layer X switching X, 2, 3, 4
- Wireless
  - + common problems
    - noise, • fading, • power limits
    - + hidden terminal

- ~~802.11~~ 802.11?

+ CSMA/CA + RTS/CTS