

The "NJIT" Example:

We are Sub-Netting a
class B Network.

Also possible:

Super-Netting ~~is~~ a Few
Class C Networks:

An ISP might have

address space

$192.255.0.0/16$

("Looks like class C")

(11 00 0000 1111 1111 } anything)

It might give its largest customer address space

$192.255.128.0/17$

(11 00 0000 1111 1111 1 } anything)

another large customer

$192.255.64.0/18$

(11 00 0000 1111 1111 01 } anything)

and then a couple of customers spaces like

$192.255.20.0/22$

($\underbrace{1100\ 0000\ 1111\ 1111\ 0001\ 01}_{22}$ } $\underbrace{\hspace{1em}}_{10}$ anything)