

## 1.7 IP4 Addressing

Bits Borrowing	From Host ID(since we use its 1/0 for subnetting), not Network ID
APIPA	169.254 to 169.254.255.255
If total Subnet IDs are given	No of subnets = $n^{\text{no of subnet IDs}}$
If borrowed bits are given	No of subnets = $n^{\text{no of borrowed bits}}$
Once subnetted	The Host ID starts from the right next digit. If before subnet, it is 32, it will start from 33
172.16.255.255	Broadcast
10.255.255.255	Broadcast
192.168.255.255	Broadcast