

Subnet Quick Reference Sheet

Binary Value	128	64	32	16	8	4	2	1
Subnet Mask	128	192	224	240	248	252	254	255
Wildcard Mask	127	63	31	15	7	3	1	0
CLASS C								
4th Oct CIDR	/25	/26	/27	/28	/29	/30	/31	/32
4th Oct Networks	2	4	8	16	32	64	128	254
4th Oct IP Add (*1)	128	64	32	16	8	4	N/A	N/A
Class B								
3rd Oct CIDR	/17	/18	/19	/20	/21	/22	/23	/24
3th Oct Networks	2	4	8	16	32	64	128	256
3th Oct IP Add (*1)	32768	16384	8192	4096	2048	1024	512	256
4th Oct CIDR	/25	/26	/27	/28	/29	/30	/31	/32
4th Oct Networks	512	1024	2048	4096	8192	16384	32768	65534
4th Oct IP Add (*1)	128	64	32	16	8	4	N/A	N/A

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*1: Number of address available for hosts = IP add minus 2 (network and broadcast address)

*2: Although /31 and /32 masks do not have any valid host address, do have special usages on things such as point to point links and loopback interfaces.