

The Cyber Mentor's Subnetting Sheet

Subnet x.x.0.0							
CIDR	/1	/2	/3	/4	/5	/6	/7
Hosts	2,147,483,648	1,073,741,824	536,870,912	268,435,456	134,217,728	67,108,864	33,554,432
Subnet 255.x.0.0							
CIDR	/9	/10	/11	/12	/13	/14	/15
Hosts	8,388,608	4,194,304	2,097,152	1,048,576	524,288	262,144	131,072
Subnet 255.255.x.0							
CIDR	/17	/18	/19	/20	/21	/22	/23
Hosts	32,768	16,384	8,192	4,096	2,048	1,024	512
Subnet 255.255.255.x							
CIDR	/25	/26	/27	/28	/29	/30	/31
Hosts	128	64	32	16	8	4	2
Subnet Mask (Replace x)	128	192	224	240	248	252	254
							255

Notes:

- * Hosts double each increment of a CIDR
- * Always subtract 2 from host total:

Network ID - First Address

Broadcast - Last Address