			Arcus's Su	ıbnetting She	et											
				Subnet	x.0.0.0											
CIDR	/1	/2	/3	/4	/5	/6	/7	/8								
Hosts	2,147,483,648	1,073,741,824	536,870,912	268,435,456	134,217,728	67,108,864	33,554,432	16,777,216								
				Subnet 255.x.0.0												
CIDR	/9	/10	/11	/12	/13	/14	/15	/16								
Hosts	8,388,608	4,194,304	2,097,152	1,048,576	524,288	262,144	131,072	65,536								
				Subnet 25												
CIDR	/17	/18	/19	/20	/21	/22	/23	/24								
Hosts	32,768	16,384	8,192	4,096	2,048	1,024	512	256								
				Subnet 255												
CIDR	/25	/26	/27	/28	/29	/30	/31	/32								
Hosts	128	64	32	16	8	4	2	1								
Subnet Mask (Replace x)	128	192	224	240	248	252	254	255								
Notes:	*Hosts double ea	ach increment of a	CIDR													
	*Always subtract	2 from host total	:													
	Network ID - Firs	t Address														
	Broadcast - Last	Address														

128	64	32	16	8	4	2	1		128	64	32	16	8	4	2	1		128	64	32	16	8	4	2	1	1	28	64	32	16	8	4	2	1		
1	1	1	1	1	1	1	1		1	1	1	1	1	1	1	1		1	1	1	1	1	1	1	1		0	0	0	0	0	0	0	0		/24
								255									255									255									0	
																																			Hosts	2^8
																																			Hosts	256