RouterTeacherMan's Subnetting Chart

CIDR Notation (Prefix)	Subnet Mask	# of Subnets	Block Size	# of Subnets	Block Size	# of Subnets	Block Size	# of Subnets	Block Size
/1 /9 /17 /25	128	2	2B	2	8M	2	32K	2	128
/2 /10 /18 /26	192	4	1B	4	4M	4	16K	4	64
/3 /11 /19 /27	224	8	512M	8	2M	8	8K	8	32
/4 /12 /20 /28	240	16	256M	16	1M	16	4K	16	16
/5 /13 /21 /29	248	32	128M	32	512K	32	2K	32	8
/6 /14 /22 /30	252	64	64M	64	256K	64	1K	64	4
/7 /15 /23 /31	254	128	32M	128	128K	128	512	128	2
/8 /16 /24 /32	255	256	16M	256	64K	256	256	256	1
/1st/2nd/3rd/4th Octets		1st Octet		2nd Octet		3rd Octet		4th Octet	

$2^0 = 1$
$2^1 = 2$
$2^2 = 4$
$2^3 = 8$
$2^4 = 16$
$2^5 = 32$
$2^6 = 64$
$2^7 = 128$
$2^8 = 256$
$2^9 = 512$

$2^{10} = 1{,}024$
$2^{11} = 2{,}048$
$2^{12} = 4{,}096$
$2^{13} = 8{,}192$
$2^{14} = 16{,}384$
$2^{15} = 32{,}768$
$2^{16} = 65{,}536$
$2^{17} = 131{,}072$
$2^{18} = 262{,}144$
$2^{19} = 524{,}288$

$2^{20} = 1{,}048{,}576$
$2^{21} = 2{,}097{,}152$
$2^{22} = 4{,}194{,}304$
$2^{23} = 8{,}388{,}608$
$2^{24} = 16{,}777{,}216$
$2^{25} = 33{,}554{,}432$
$2^{26} = 67{,}108{,}864$
$2^{27} = 134{,}217{,}728$
$2^{28} = 268{,}435{,}456$
$2^{29} = 536{,}870{,}912$

$2^{30} = 1{,}073{,}741{,}824$
$2^{31} = 2{,}147{,}483{,}648$
$2^{32} = 4{,}294{,}967{,}296$

Minus 2 to get # of useable hosts