Cheatography

Subnetting Cheat Sheet

by [deleted] via cheatography.com/109805/cs/21535/

Masks

1st	2nd	3rd	4th
/1	/9	/17	/25
/2	/10	/18	/26
/3	/11	/19	/27
/4	/12	/20	/28
/5	/13	/21	/29
/6	/14	/22	/30
/7	/15	/23	/31
/8	/16	/24	/32

Example

	1st	2nd	3rd
Address	165	245	12
Mask	255	255	255
Network	165	245	12
Broadcast	165	245	12
First IP	165	245	12
Last IP	165	245	12

Subnet 165.245.12.88/26

Mask Cont.

Subnet Mask	Networks	Addresses
128	2	128
192	4	64
224	8	32
240	16	16
248	32	8
252	64	4
254	128	2
255	256	1

Example Cont.

4th
88
192
64
127
65
126

Powers of 2

2^1	2	2^10	1,024
2^2	4	2^11	2,048
2^3	8	2^12	4,096
2^4	16	2^13	8,192
2^5	32	2^14	16,384
2^6	64	2^15	32,768
2^7	128	2^16	65,536
2^8	256	2^17	131,072
2^9	512	2^18	262,144

Multiples of 8

0	64	128	192
8	72	136	200
16	80	144	208
24	88	152	216
32	96	160	224
40	104	168	232
48	112	176	240
56	120	184	248
64	128	192	256

By **[deleted]**
cheatography.com/deleted-109805/

Published 8th January, 2020.
Last updated 8th January, 2020.
Page 1 of 1.

Sponsored by **ApolloPad.com**
Everyone has a novel in them. Finish Yours!
https://apollopad.com