

Network ID First IP address in each Network Broadcast IP Last IP address in each Network First Host IP IP address <i>after</i> the Network ID Last Host IP IP address <i>before</i> the Broadcast IP Next Network IP address <i>after</i> the Broadcast IP # IP Addresses Number of IP addresses in each Network CIDR/Subnet Converting between CIDR/Subnet Mask	Group Size 128 64 32 16 8 4 2 1 Subnet 128 192 224 240 248 252 254 255 CIDR /25 /26 /27 /28 /29 /30 /31 /32
<ol style="list-style-type: none"> Use given CIDR/mask to find column on Cheat Sheet <ol style="list-style-type: none"> CIDR/Subnet Mask map to each other Locate Group size Start at ".0" in relevant octet Increase by Group Size until you PASS target IP Number BEFORE target IP is Network ID Number AFTER target IP is the Next Network IP address BEFORE Next Network is Broadcast IP address AFTER Network ID is First Host IP address BEFORE Broadcast IP is Last Host Group Size is total # of IP addresses <ul style="list-style-type: none"> Don't forget to subtract 2 if needed 	<p>Speed Tip #1: Group Size can be easily multiplied by 10. Then doubled or tripled, as necessary</p> <p>Speed Tip #2: Every Group Size lands on 128 at some point.</p> <p>Speed Tip #3: Every group size lands on the Subnet value of the same column, and every column to the LEFT.</p> <p>Speed Tip #4: Start higher, and subtract.</p>

