

Primer ejercicio	Necesitamos Subnetear una red 192.168.10.0, para crear 2 subredes para 90 computadoras																																						
N° de RED	NETWORK ID	SUBNET MASK	HOST ID RANGE		N° HOSTS	BROADCAST ID																																	
1	192.168.10.0	255.255.255.128	192.168.10.1 - 192.168.10.126		126	192.168.10.127																																	
2	192.168.10.128	255.255.255.128	192.168.10.129 - 192.168.10.254		126	192.168.10.255																																	
		2^1 = 2 Robo un solo bit, o sea 128	2^7- 2 = 126 Hosts por Subred																																				
Segundo ejercicio	Necesitamos Subnetear una red 192.168.25.0, para crear 4 subredes para 100 computadoras						NO SE PUEDE HACER PORQUE 255 / 4 no da algo mayor a 100																																
<table border="1"> <thead> <tr> <th>Subnet</th> <th>1</th> <th>2</th> <th>4</th> <th>8</th> <th>16</th> <th>32</th> <th>64</th> <th>128</th> <th>256</th> </tr> </thead> <tbody> <tr> <th>Host</th> <td>256</td> <td>128</td> <td>64</td> <td>32</td> <td>16</td> <td>8</td> <td>4</td> <td>2</td> <td>1</td> </tr> <tr> <th>Subnet Mask</th> <td>/24</td> <td>/25</td> <td>/26</td> <td>/27</td> <td>/28</td> <td>/29</td> <td>/30</td> <td>/31</td> <td>/32</td> </tr> </tbody> </table>										Subnet	1	2	4	8	16	32	64	128	256	Host	256	128	64	32	16	8	4	2	1	Subnet Mask	/24	/25	/26	/27	/28	/29	/30	/31	/32
Subnet	1	2	4	8	16	32	64	128	256																														
Host	256	128	64	32	16	8	4	2	1																														
Subnet Mask	/24	/25	/26	/27	/28	/29	/30	/31	/32																														