In the subnet we are expected to subnet 192.168.1.0/24 to contain 5 networks
2^n=subnets
2^1=2
2^2=4
2^3=8
192.168.1.0/24

Network	subnet	host
1111 1111.1111 1111.1111 1111	.000	00000->192.168.1.0/27
1111 1111.1111 1111.1111 1111	.001	00000->192.168.1.32/27
1111 1111.1111 1111.1111 1111	.010	00000->192.168.1.64/27
1111 1111.1111 1111.1111 1111	.011	00000->192.168.1.96/27
1111 1111.1111 1111.1111 1111	.100	00000->192.168.1.128/27
1111 1111.1111 1111.1111 1111	.101	00000->192.168.1.160/27

128 64 32 16 8 4 2 1

Network	Range	Broadcast	Subnet
192.168.1.0	x.x.x.1-x.x.x.30	x.x.x.31	/27
192.168.1.32	x.x.x.33-x.x.x.62	x.x.x.63	/27
192.168.1.64	x.x.x.65-x.x.x.94	x.x.x.95	/27
192.168.1.96	x.x.x.97-x.x.x.126	x.x.x.127	/27
192.168.1.128	x.x.x.129-x.x.x.158	x.x.x.159	/27
192.168.1.160	x.x.x.161-x.x.x.190	x.x.x.191	/27

X.X.X rep 192.168.1