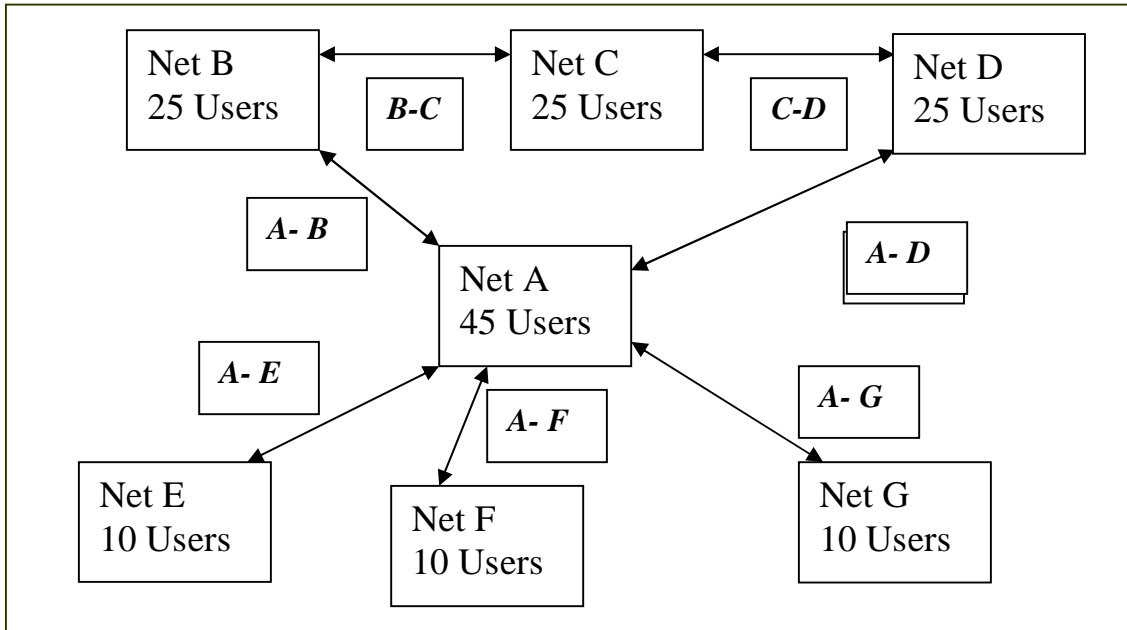


You have the class C network, 200.1.2.0/24. You want to use VLSM to subdivide this network into the following subnets, where each “Router Join, such as “B-C” is a /30 subnet.”



One solution to this problem is shown in the following table, where we go from the top to the bottom.

Subnet Name	Number of Users	Net Prefix	Network ID 200.1.2.?	First Host	Last Host
A	45	/26	192	193	254
B	25	/27	160	161	190
C	20	/27	128	129	158
D	20	/27	96	97	126
E	10	/28	80	81	94
F	10	/28	64	65	78
G	10	/28	48	49	62
A-B	2	/30	44	45	46
B-C	2	/30	40	41	42
C-D	2	/30	36	37	38
A-D	2	/30	32	33	34
A-E	2	/30	28	29	30
A-F	2	/30	24	25	26
A-G	2	/30	20	21	22