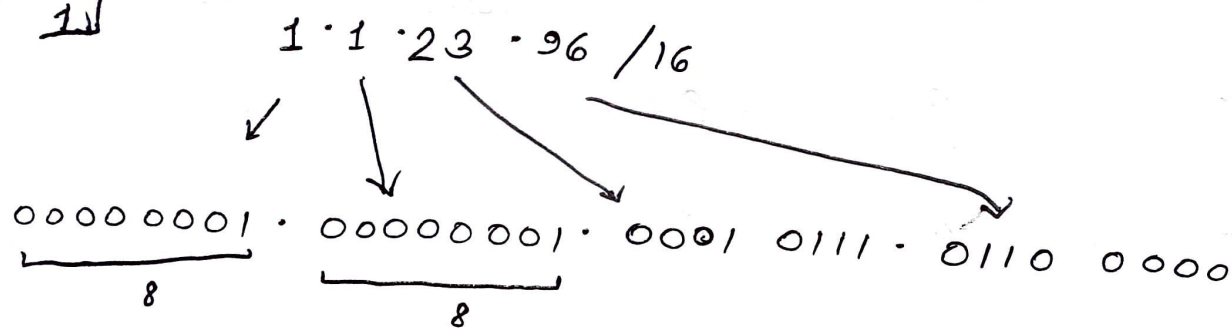


Q1



$\therefore \text{Host bits} = 16 = 2^{16} = 65,536$

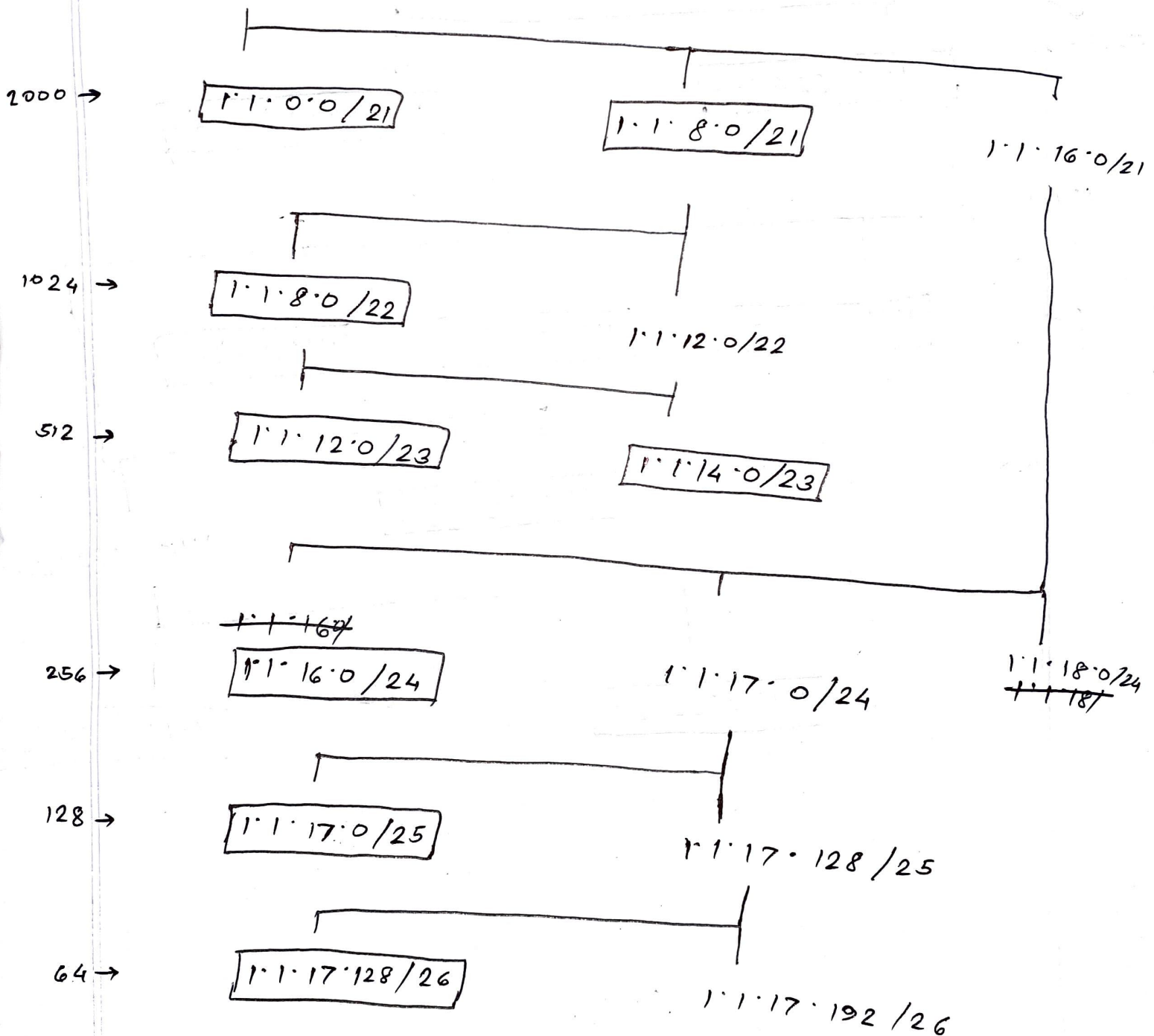
#	host	IP's	Give	H.B.	N.B.
A	2000	2002	2048	11	21
B	512	514	1024	10	22
C	510	512	512	9	<del>28</del> 23
D	400	402	512	9	23
E	128	130	256	8	24
F	64	66	128	7	25
G	32	34	64	6	26
H	15	17	32	5	27
I	10	12	16	4	28
J	8	10	16	4	28

#	host	IP	Give	H.B.	N.B.
K	6	8	8	3	29
L	4	6	8	3	29
M	3	5	8	3	29
N	3	5	8	3	29
O	2	4	4	2	30
P	2	4	4	2	30

# Network Address Table

1.1.23.96/16

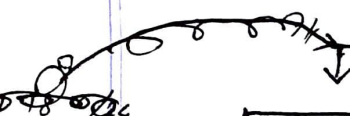
1.1.0.0/16



32 →

1'1'17'192/29

1'1'17'224/27



1'1'17'224/28



1'1'17'240/28

1'1'18'0/24

8 →

1'1'18'0/29

1'1'18'8/29

1'1'18'16/29

8 →

1'1'18'24/29

1'1'18'32/29

1'1'18'32/30

1'1'18'36/30

Found      No work      Addresses

1-1-0-0/21

1-1-8-0/21

1-1-8-0/22

1-1-12-0/23

1-1-14-0/23

1-1-16-0/24

1-1-17-0/25

1-1-17-128/26

1-1-17-192/29

1-1-17-224/28

1-1-17-240/28

1-1-18-0/29

1-1-18-8/29

1-1-18-16/29

1-1-18-24/29

1-1-18-32/30

1-1-18-36/30