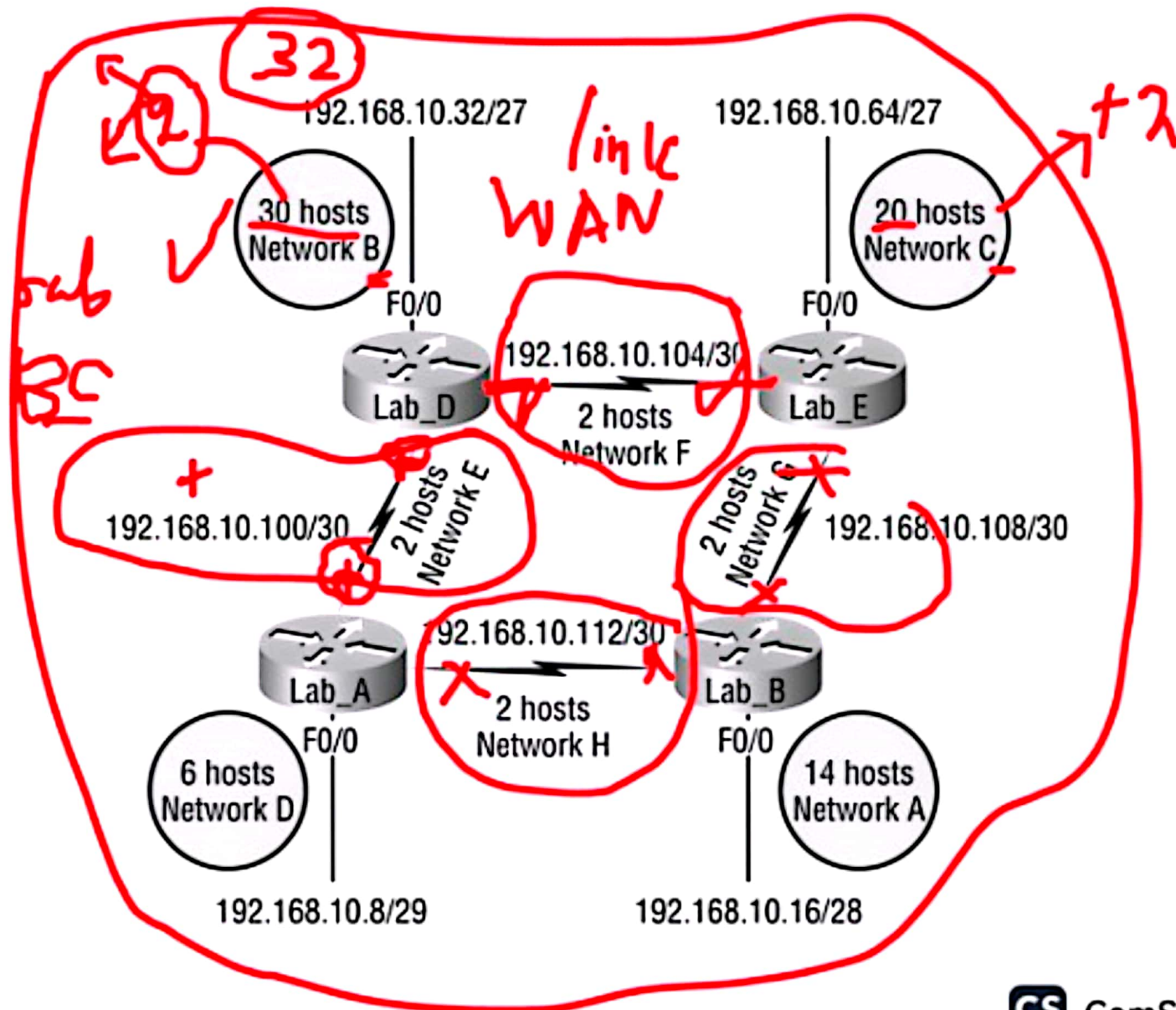


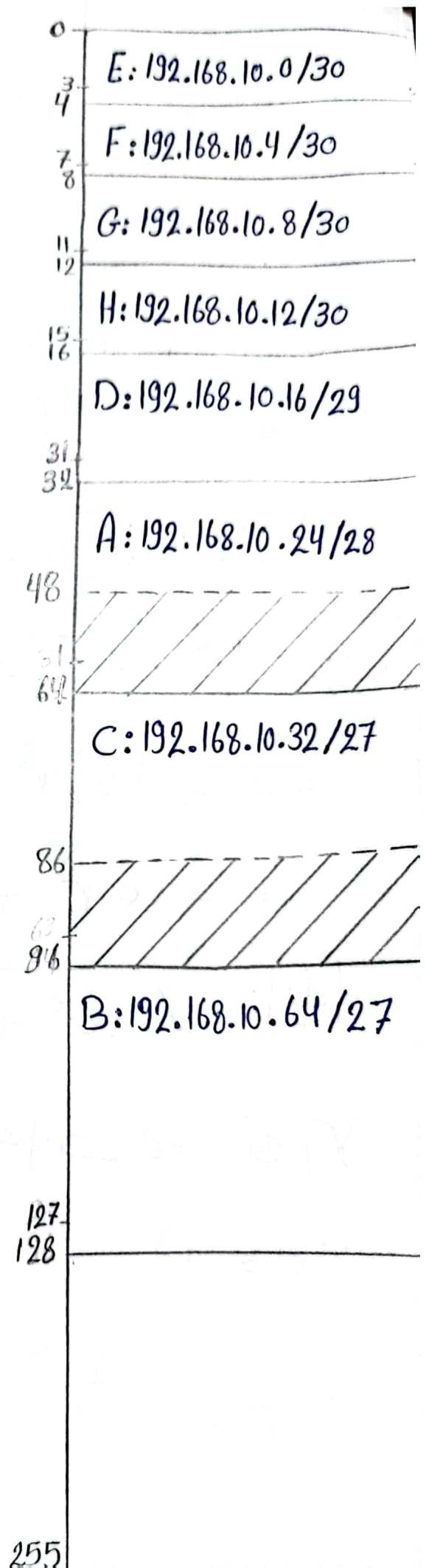
VSLM, Example 1



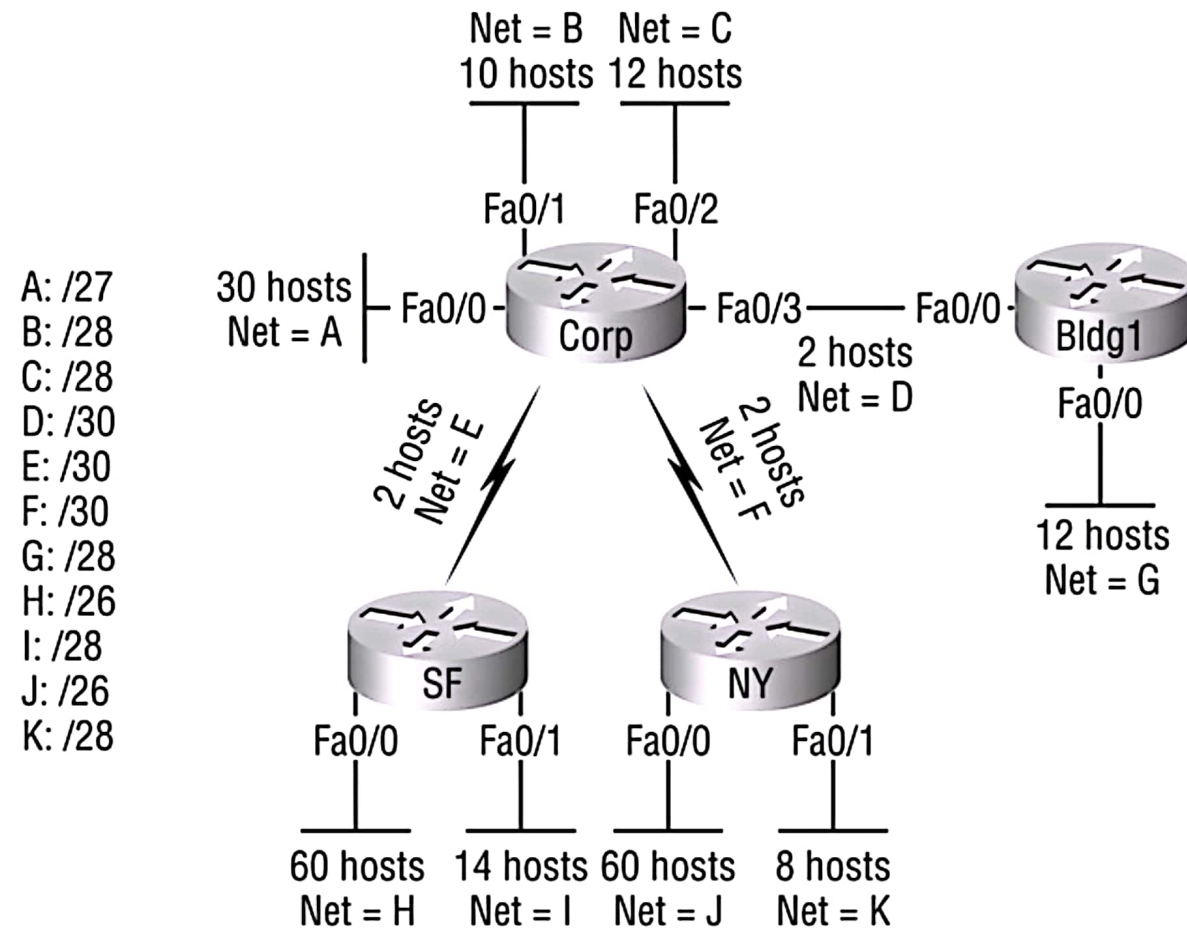
أدم محمد محمد خليفة دومة

سكشن 1/

subnet name	Hosts	Block-size	mask	Ip Location
E	$2+2=4$	$4 = 2^{(2)}$	/30	0, 4, 8, 12 (+4)
F	$2+2=4$	$4 = 2^{(2)}$	/30	0, 4, 8, 12 (+4)
G	$2+2=4$	$4 = 2^{(2)}$	/30	0, 4, 8, 12 (+4)
H	$2+2=4$	$4 = 2^{(2)}$	/30	0, 4, 8, 12 (+4)
D	$6+2=8$	$8 = 2^{(3)}$	/29	0, 8, 16, 24 (+8)
A	$14+2=16$	$16 = 2^{(4)}$	/28	0, 16, 32, 48 (+16)
C	$20+2=22$	$32 = 2^{(5)}$	/27	0, 32, 64, 96 (+32)
B	$30+2=32$	$32 = 2^{(5)}$	/27	0, 32, 64, 96 (+32)



VLSM, Example 2



أدھم محمد محمد خلیفہ دومہ .

سکشن 1.

subnet name	Hosts	Block-size	mask	Ip Location
D	$2+2=4$	$4 = 2^{(2)}$	/30	0, 4, 8, 12, 16
E	$2+2=4$	$4 = 2^{(2)}$	/30	0, 4, 8, 12, 16
F	$2+2=4$	$4 = 2^{(2)}$	/30	0, 4, 8, 12, 16
K	$8+2=10$	$16 = 2^{(4)}$	/28	0, 16, 32, 48, 64, 80
B	$10+2=12$	$16 = 2^{(4)}$	/28	0, 16, 32, 48, 64, 80
C	$12+2=14$	$16 = 2^{(4)}$	/28	0, 16, 32, 48, 64, 80
G	$12+2=14$	$16 = 2^{(4)}$	/28	0, 16, 32, 48, 64, 80
I	$14+2=16$	$16 = 2^{(4)}$	/28	0, 16, 32, 48, 64, 80, 96
A	$30+2=32$	$32 = 2^{(5)}$	/27	0, 32, 64, 96, 128
H	$60+2=62$	$64 = 2^{(6)}$	/26	0, 64, 128, 192
J	$60+2=62$	$64 = 2^{(6)}$	/26	0, 64, 128, 192

0	D: 192.16.10.0/30
3	
4	
7	E: 192.16.10.4/30
8	
11	F: 192.16.10.8/30
16	
26	K: 192.16.10.16/28
32	
40	B: 192.16.10.32/28
48	
62	C: 192.16.10.48/28
64	
78	G: 192.16.10.64/28
80	
95	I: 192.16.10.80/28
96	
127	A: 192.16.10.96/27
128	
190	H: 192.16.10.128/26
192	
254	J: 192.16.10.192/26
255	