Universitas Telkom

DASAR IPV4

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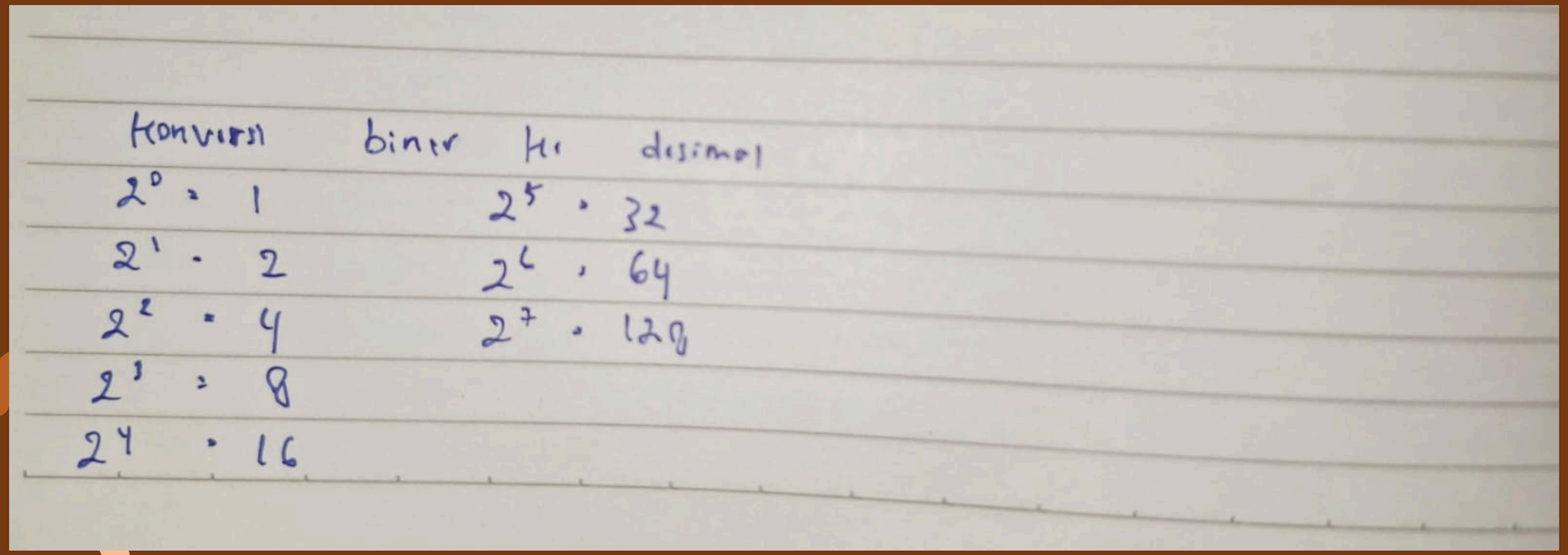
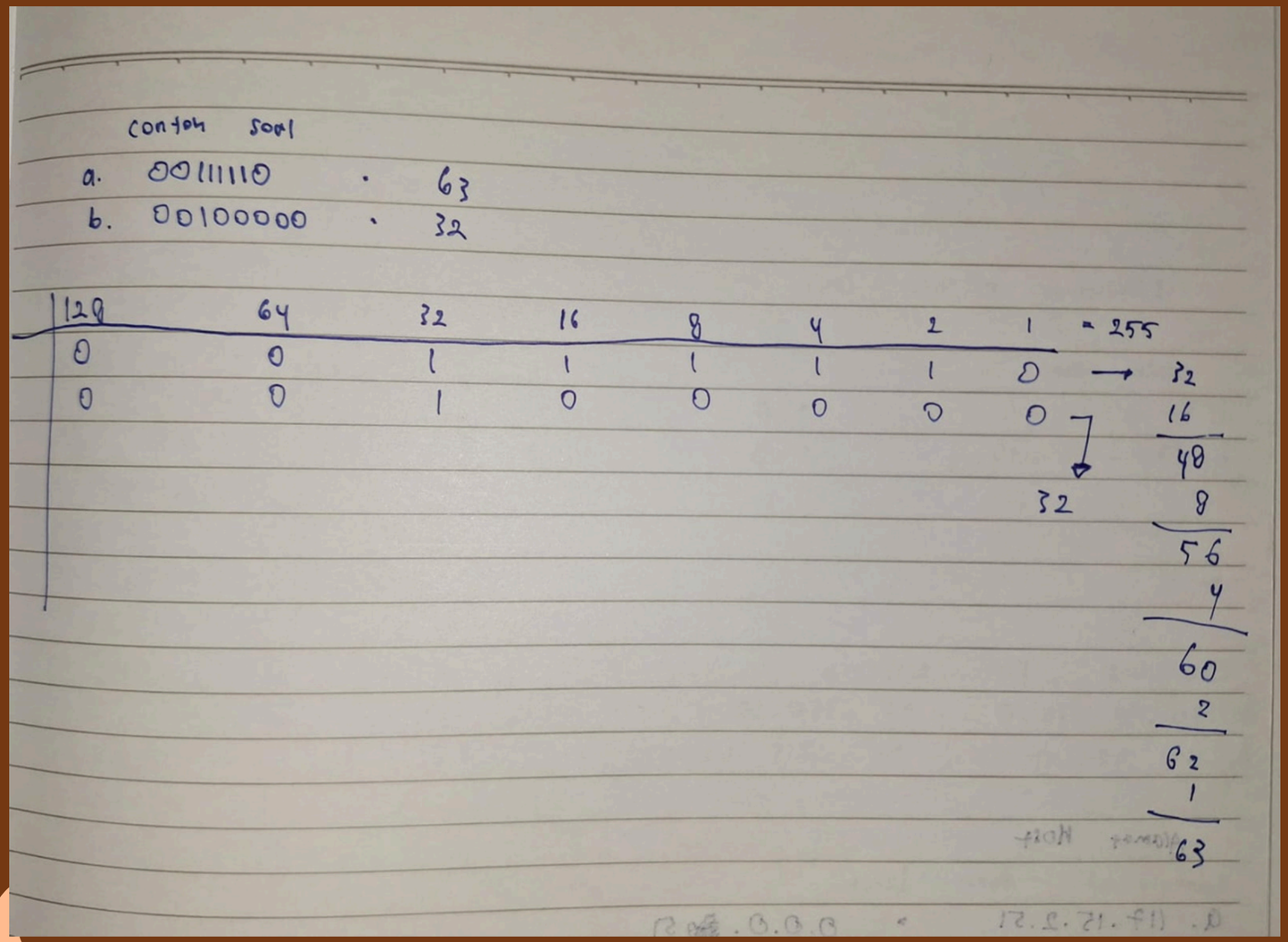
Kelompok 1

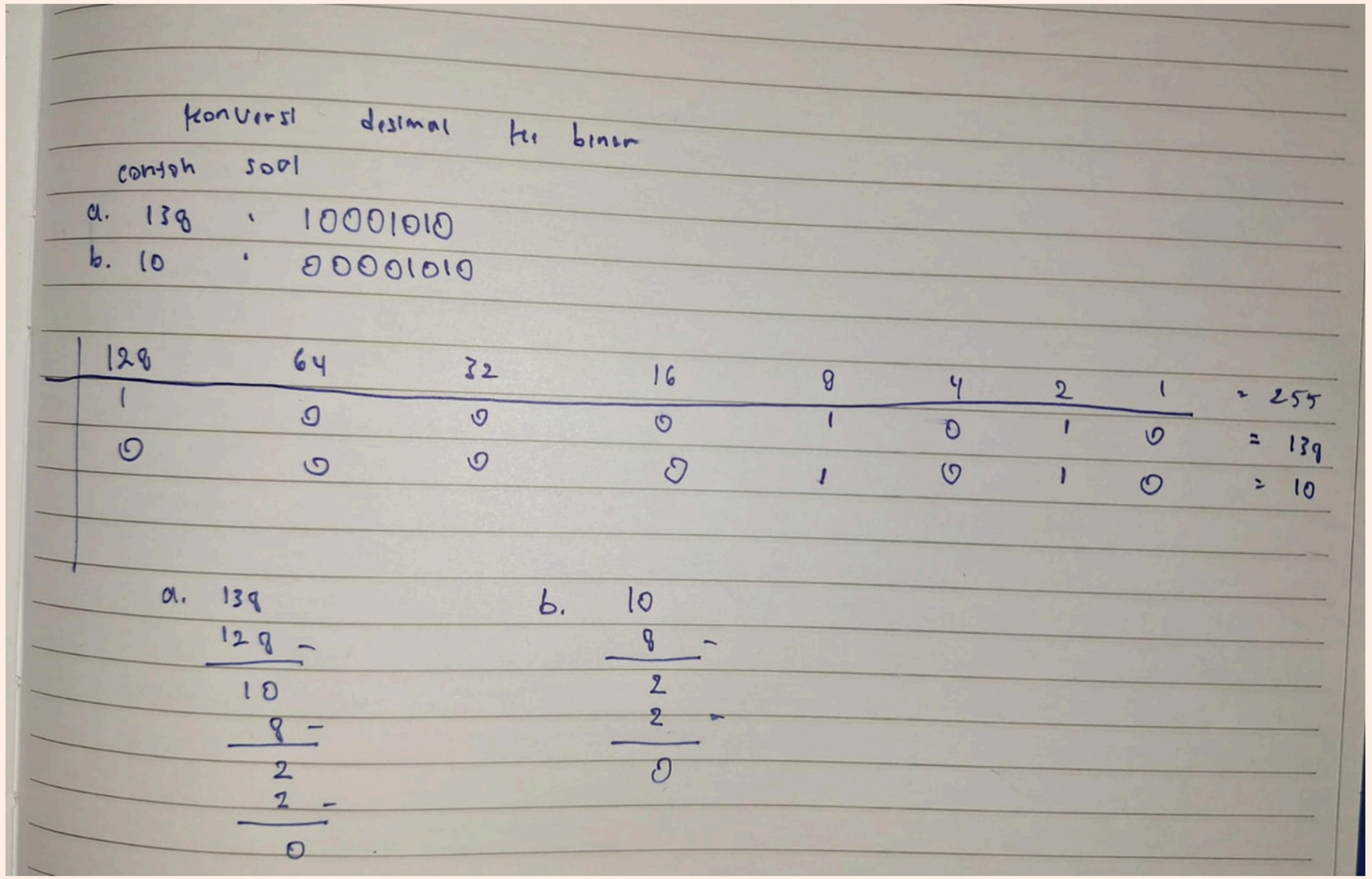
IPv4 berisi 32 bit, dibagi menjadi 4 kelompok masing-masing berisi 8 bit & hanya berisi bilangan
biner.

KONVERSI BINER KE DESIMAL




contoh soal
a. 00111110 . 63
b. 00100000 . 32
128 64 32 16 8 4 2 1 = 255
0 0 1 1 1 1 1 0 → 32
0 0 1 0 0 0 0 0 16
48
32 8
56
4
60
2
62
1
63

KONVERSI DESIMAL KE BINER



konversi desimal ke biner

contoh soal

a. 139 : 10001010

b. 10 : 00001010

128	64	32	16	8	4	2	1	
1	0	0	0	1	0	1	0	= 255
0	0	0	0	1	0	1	0	= 139
								= 10

a. 139

128 -

10

8 -

2

2 -

0

b. 10

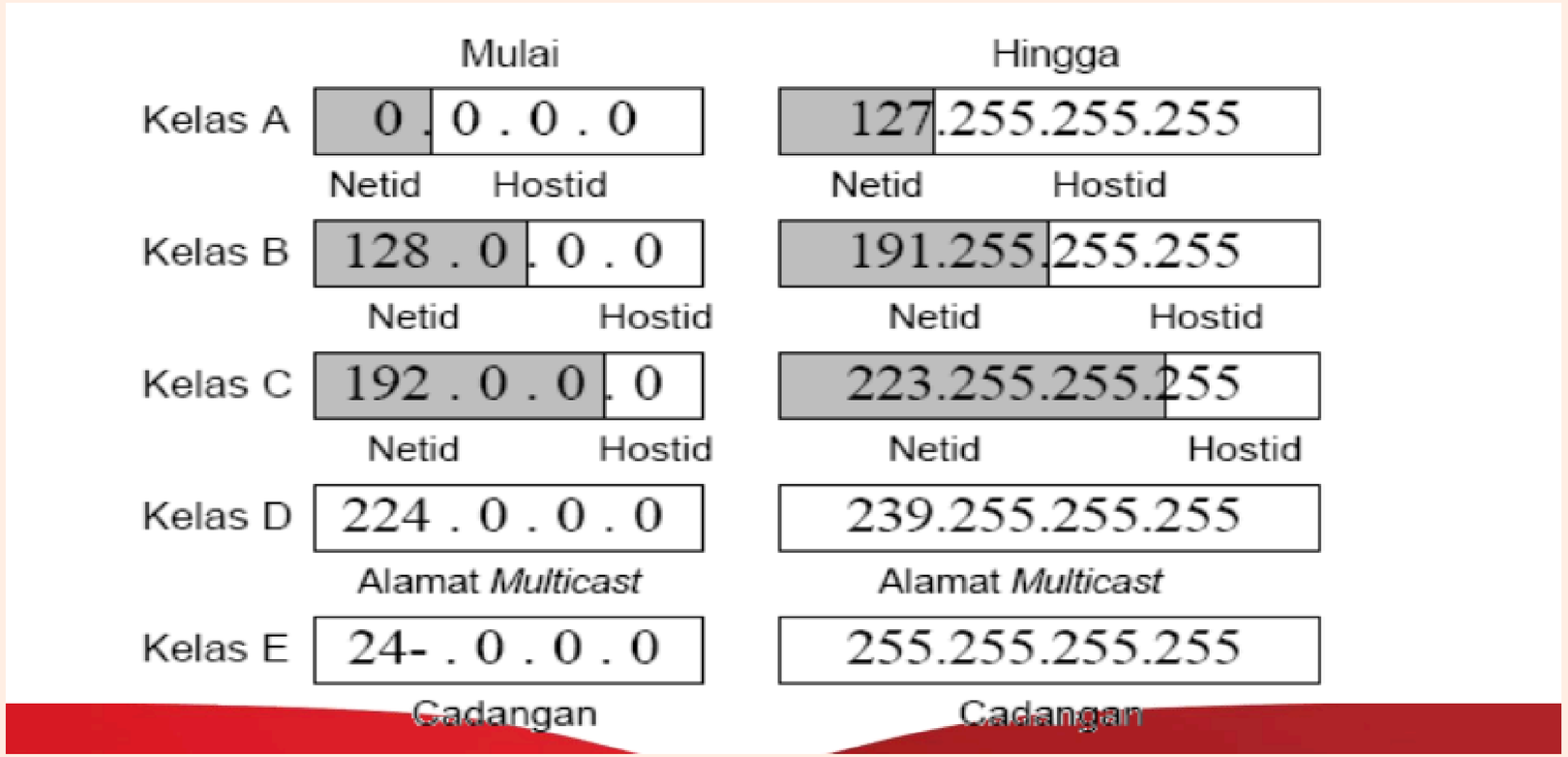
8 -

2

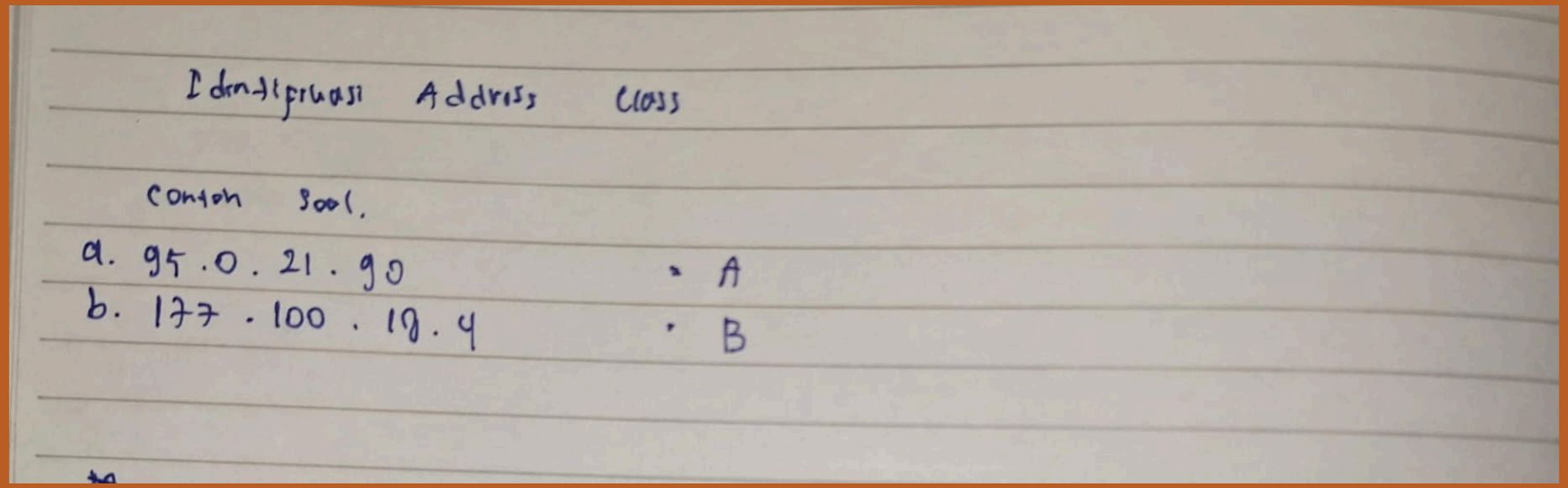
2 -

0

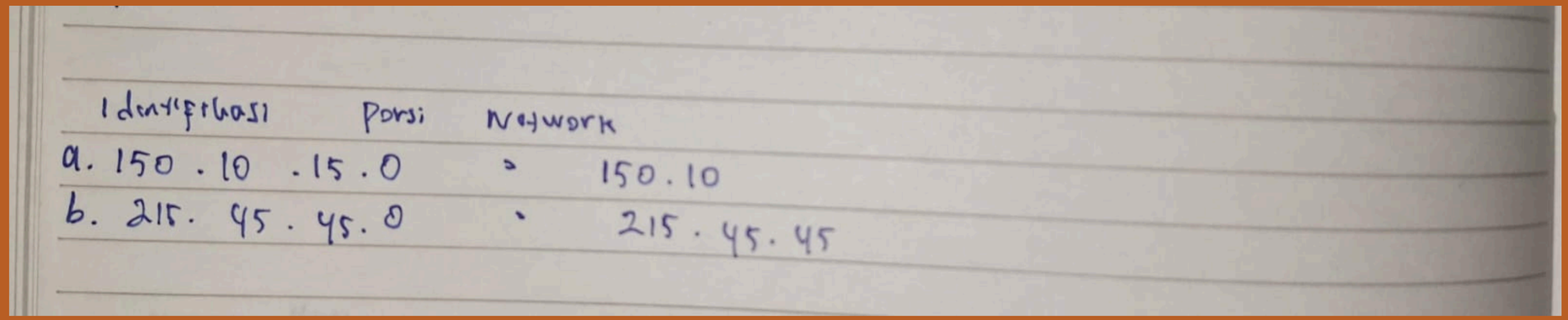
KELAS IP ANDRESS



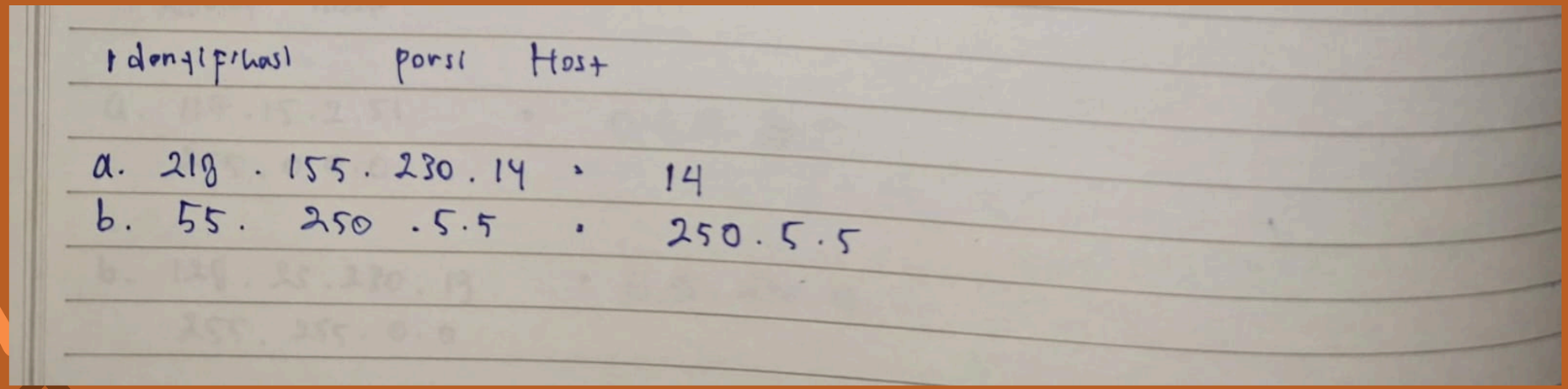
IDENTIFIKASI ADDRESS CLASS



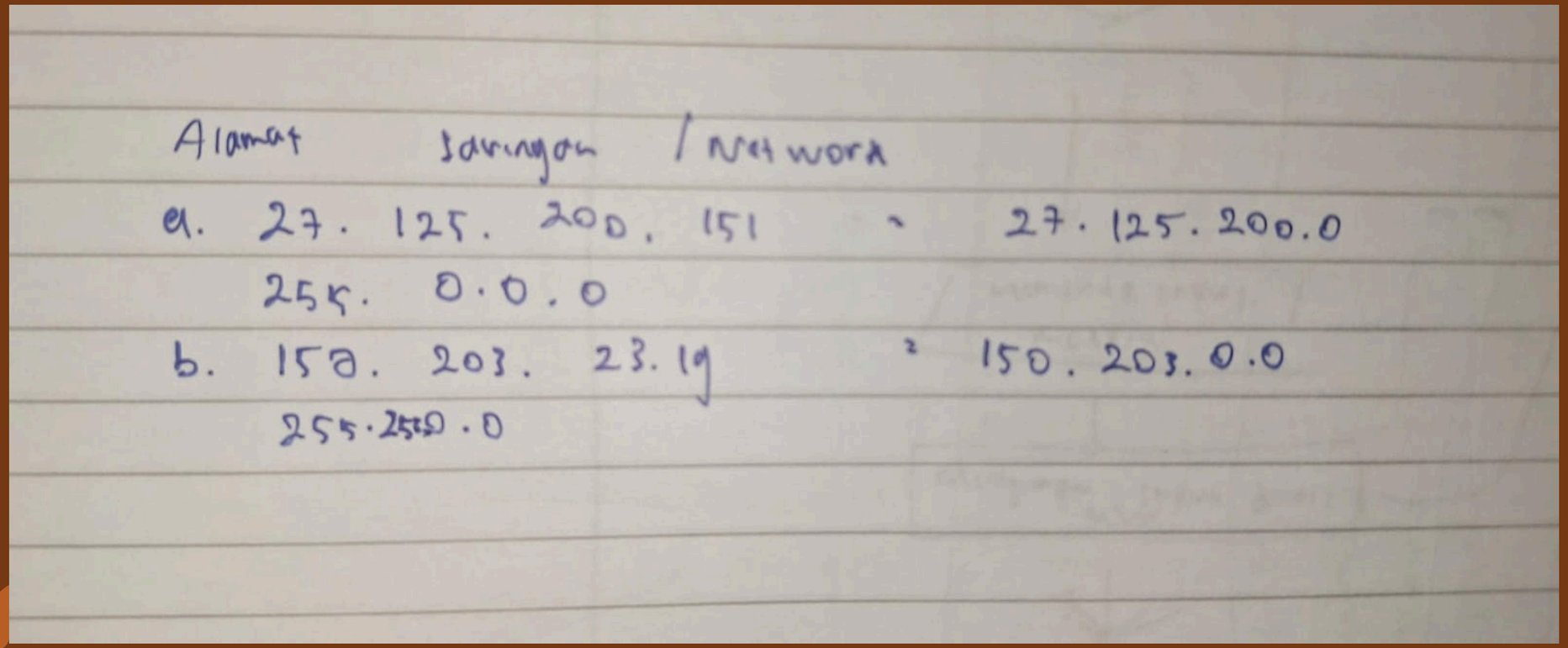
IDENTIFIKASI PORSI NETWORK



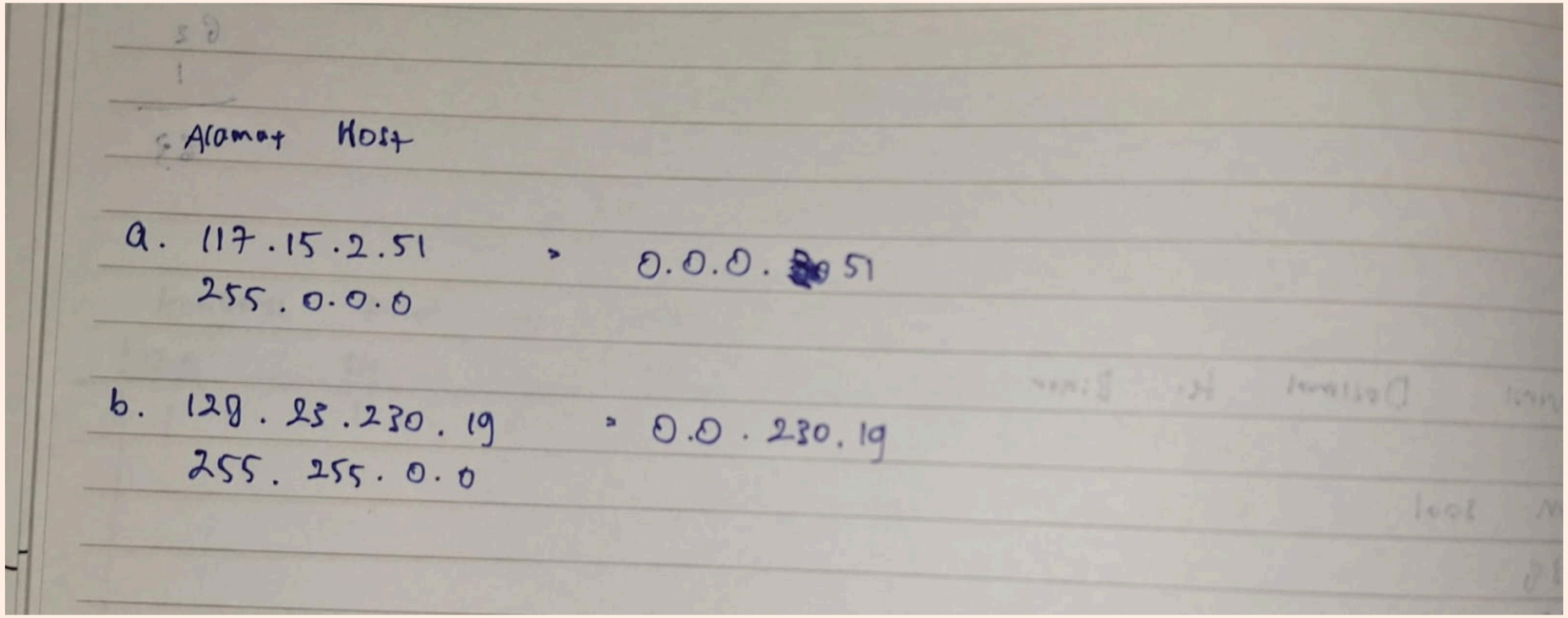
IDENTIFIKASI PORSI HOST



ALAMAT JARINGAN



ALAMAT HOST

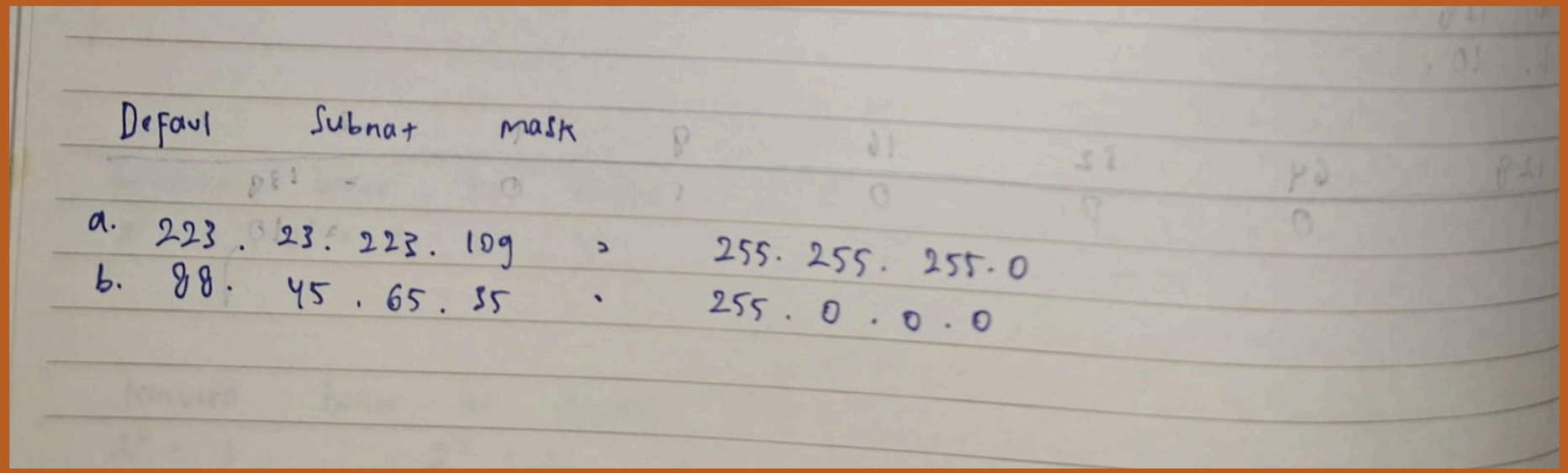


Alamat Host

a. 117.15.2.51 → 0.0.0.51
255.0.0.0

b. 128.25.230.19 → 0.0.230.19
255.255.0.0

DEFAULT SUBNET MASK



LiNK YTB :
HTTPS://YOUTU.BE/4OPZYXiNOOC