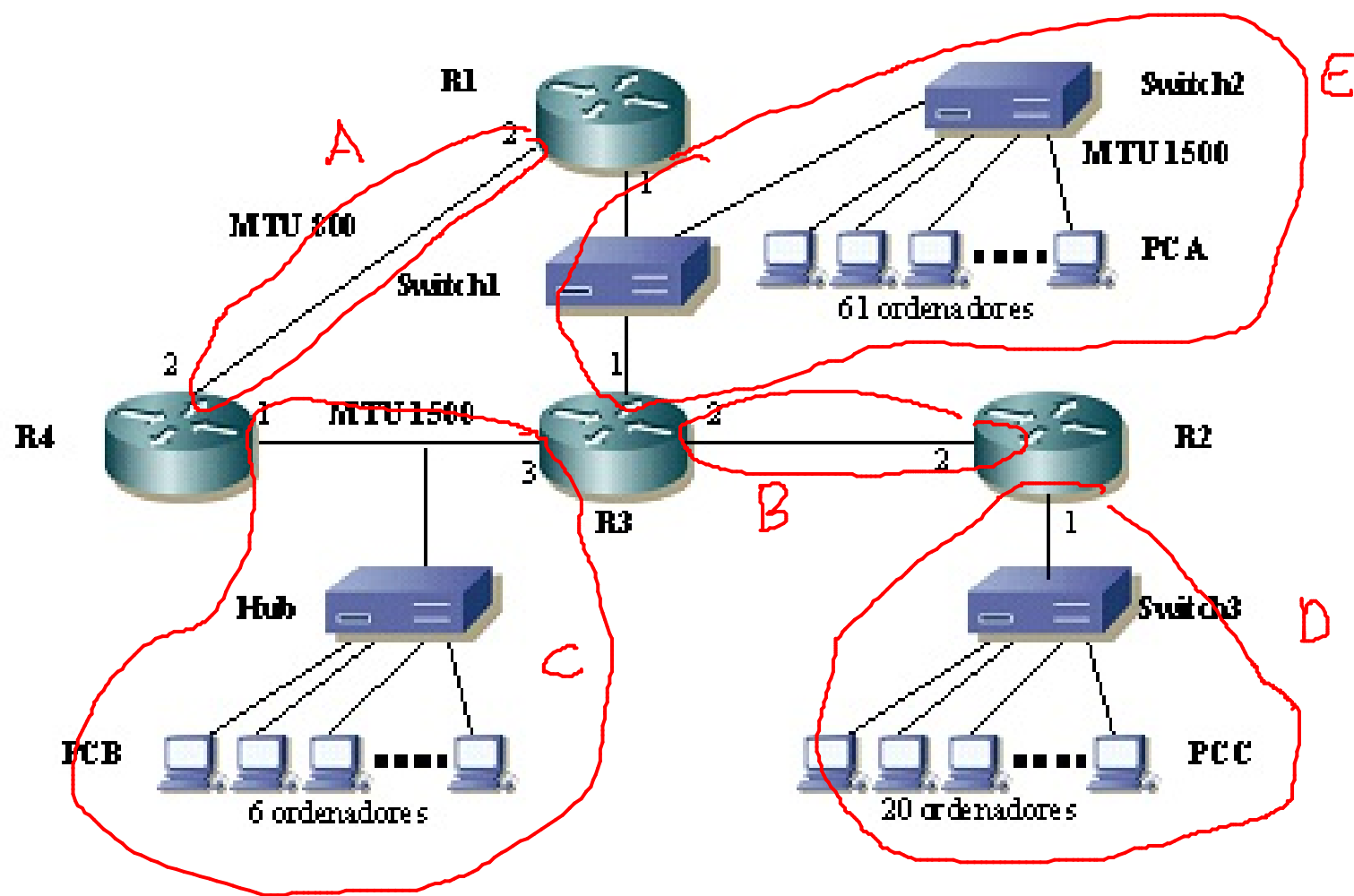


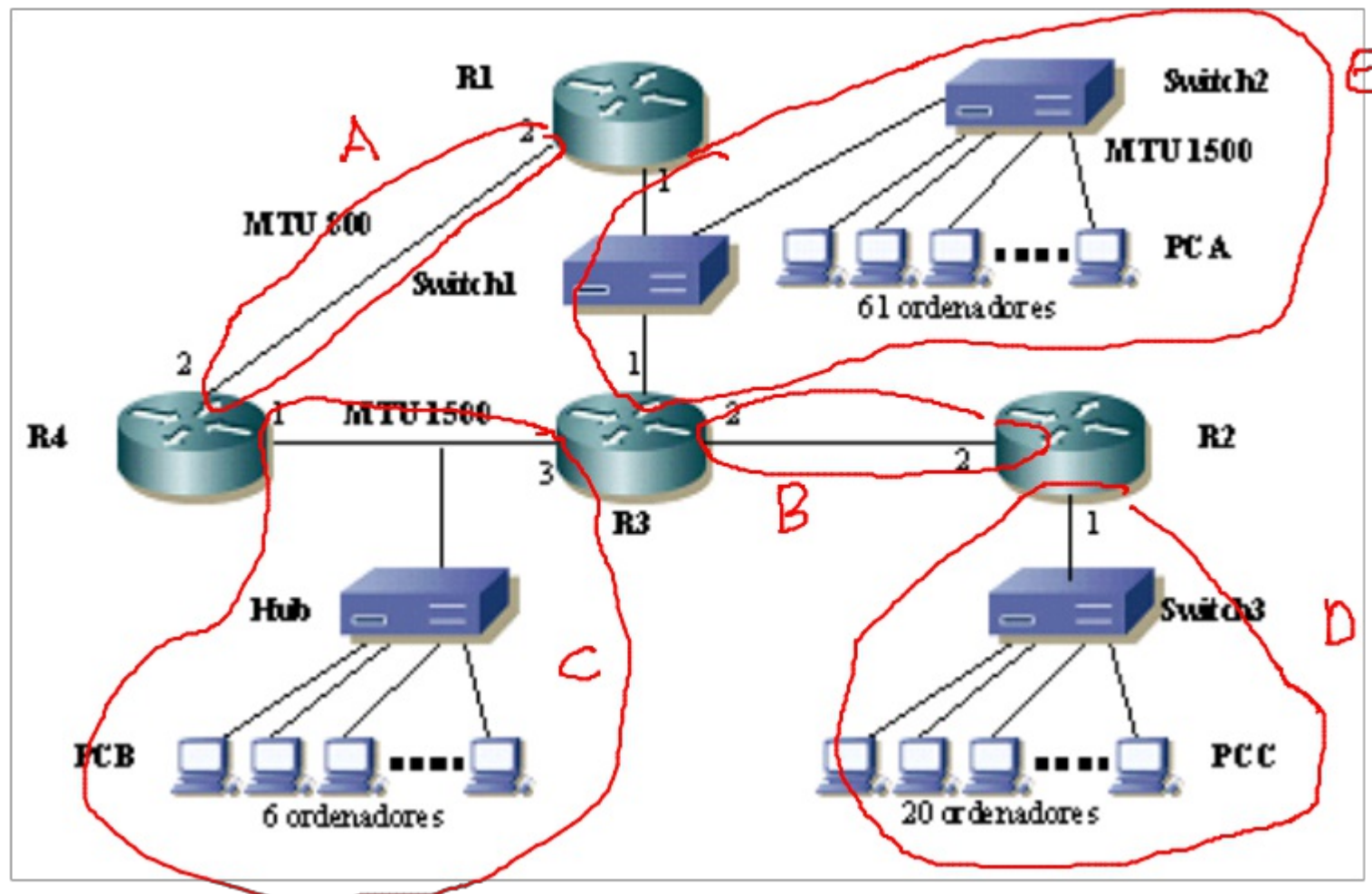


8.8.8.0/23
 0000 1000
 1

- A $2 \leq 2^n - 2$ $n = 2$
- B " " "
- C 8 $n = 4$
- D 21 $n = 5$
- E 63 $n = 7$

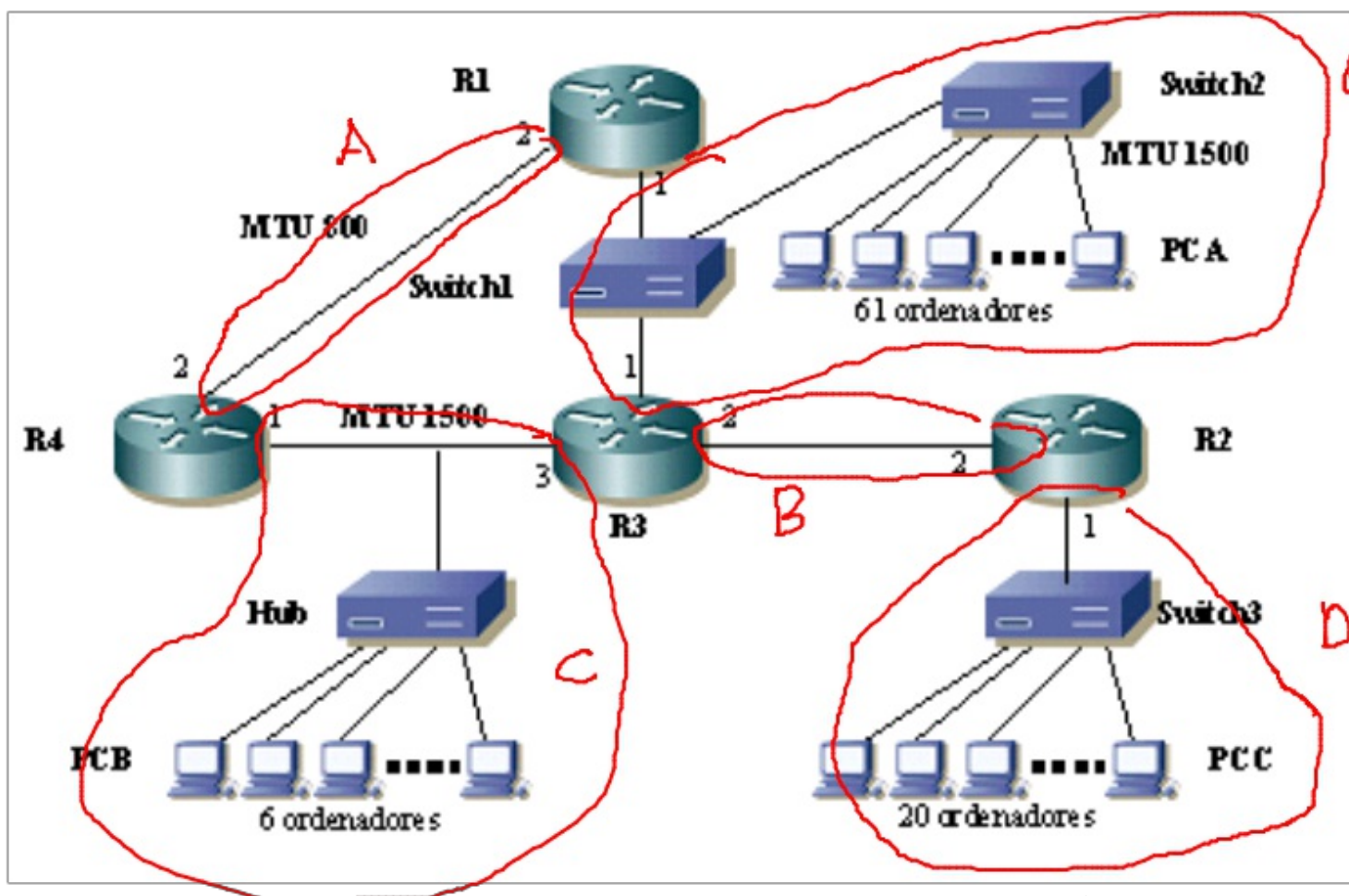
8.8.8. 0000 00xx
 0000 01xx
 110xx
 11xx
 0001 xxxxx
 001x xxxxx
 01xx xxxxx
 1xxx xxxxx

- 8.8.8.0/30
- 8.8.8.4/30
- 8.8.8.8/29
- 8.8.8.16/28
- 8.8.8.32/27
- 8.8.8.64/26
- 8.8.8.128/25
- 8.8.9.0/24



Red/Mas Seg. salto Interface

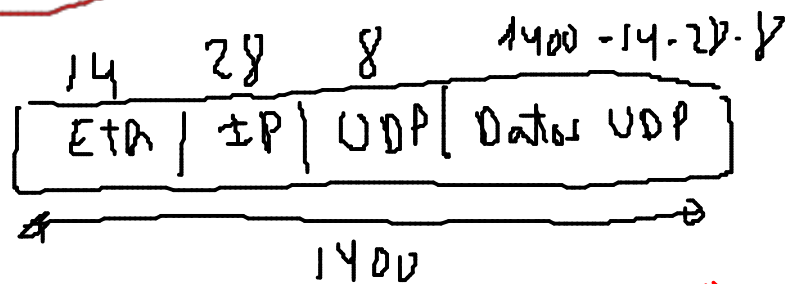
A	8.8.8.0/30	{ ip R1, 1 R4, 1	{ 1 3
B	8.8.8.4/30	—	2
C	:	—	3
D	:	ip R2, 2	2
E	:	—	1



$$MTU = 800$$

$$800 - 28 = 772 \rightarrow \boxed{768}$$

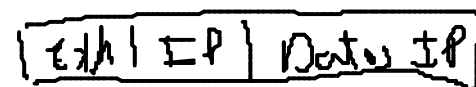
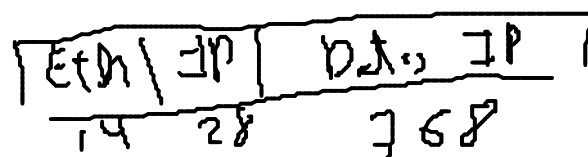
PCA



Data IP

$$1400 - 14 - 28 = 1358$$

MTU 800 (A)



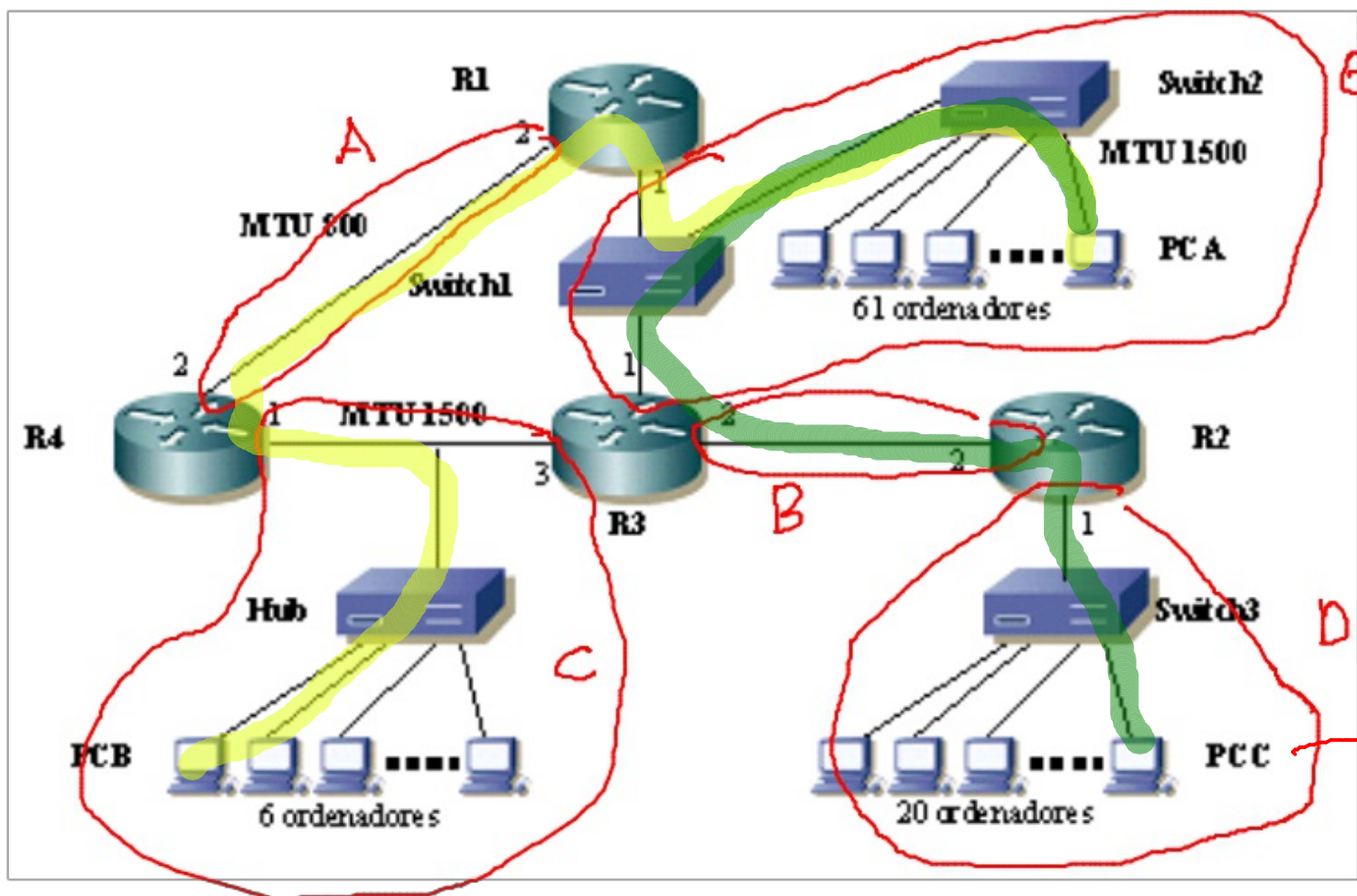
$$14 \quad 28 \quad 1358 - 28 = 590$$

$$632$$

$$\frac{0}{96} = 768/p$$

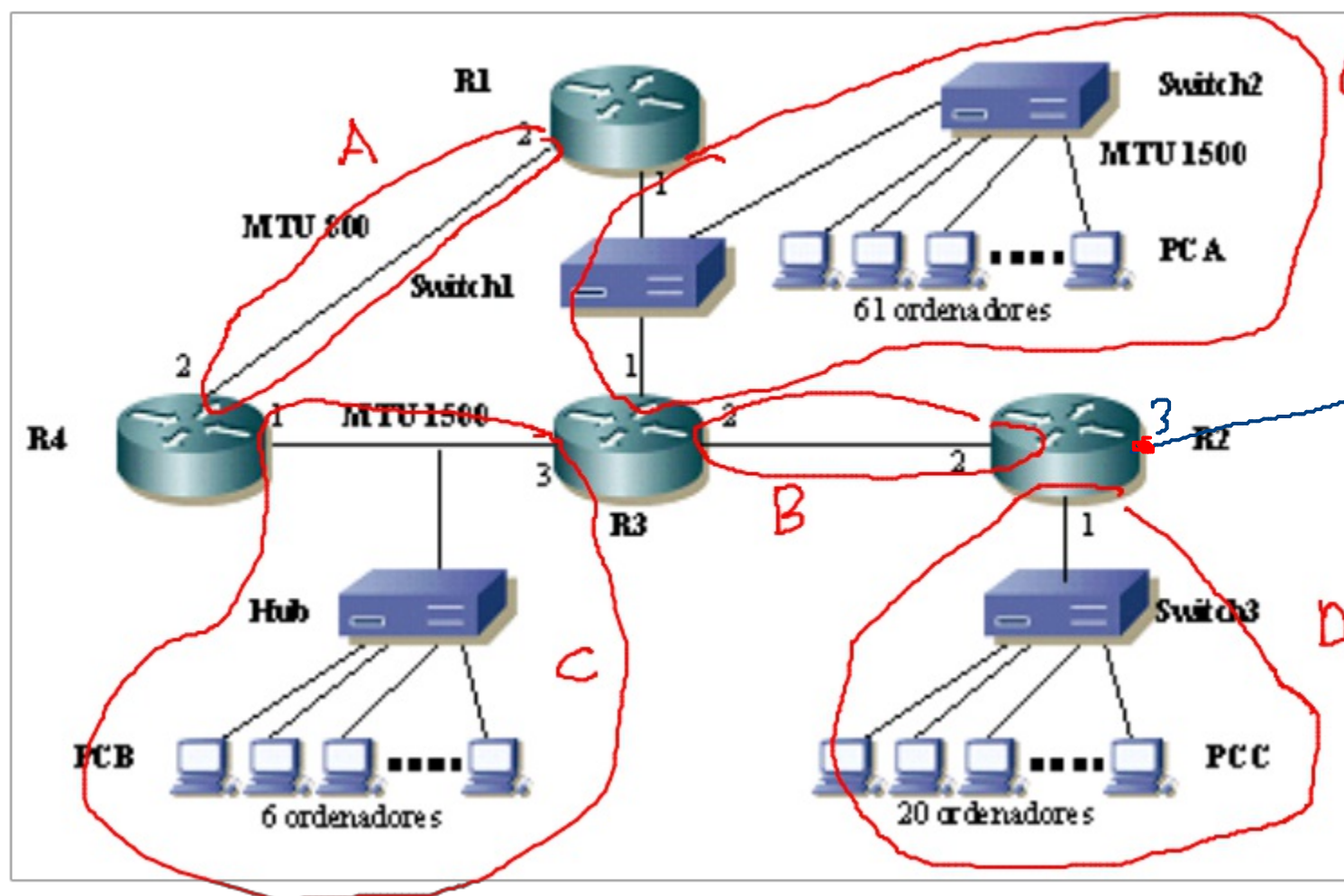
long frame
MTU
offset

$$\frac{810}{10}$$



8.8.8.4/24 → 8.8.0/24
R ip R2,1

MAC ₀	MAC ₁	IP ₀	IP ₁	Segmento
MAC _A	MAC _{R1,1}	ip _A	ip _B	E
MAC _{R1,2}	MAC _{R4,2}	"	"	A
MAC _{R4,1}	MAC _B	"	"	
MAC _C	MAC _A	ip _C	ip _A	



RISP

19.41.54.33/30

$$\begin{array}{r}
 \text{XXXX} \text{XX} \\
 1000 \text{ } 01 \\
 \hline
 100000
 \end{array}$$

19.41.54.34/30

100000

Table R2

Seq. S

Interf

A
B
C
D
E

ip R3,2

2

ip R3,2

2

ip R3,2

2

ip R3,2

2

ip RISP

3

19.41.54.33

8.8.8.0/24

ip R3,2 2

F 19.41.54.32/30

0.0.0.0/0