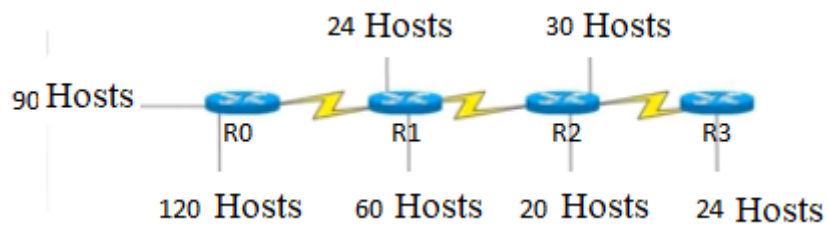


An access provider assigned the IP address 193.168.30.0/23 to a company whose network is as follows:



You are the administrator of this network and you must divide the VLSM (Variable Length Subnet Mask) of the assigned space into as many subnets as necessary.

1- How many subnetworks do we have at this company?

2- Complete the following table

Name	SN	CIDR Notation	Mask	Address	Max hosts	Diffusion address
R120	...	/...	...	...	...	...
R90	...	/...	...	...	...	...
R60	...	/...	...	...	...	...
R30	...	/...	...	...	...	...
R24-1	...	/...	...	...	...	...
R24-2	...	/...	...	...	...	...
R20	...	/...	...	...	...	...
R0-R1	...	/...	...	...	...	...
R1-R2	...	/...	...	...	...	...
R2-R3	...	/...	...	...	...	...