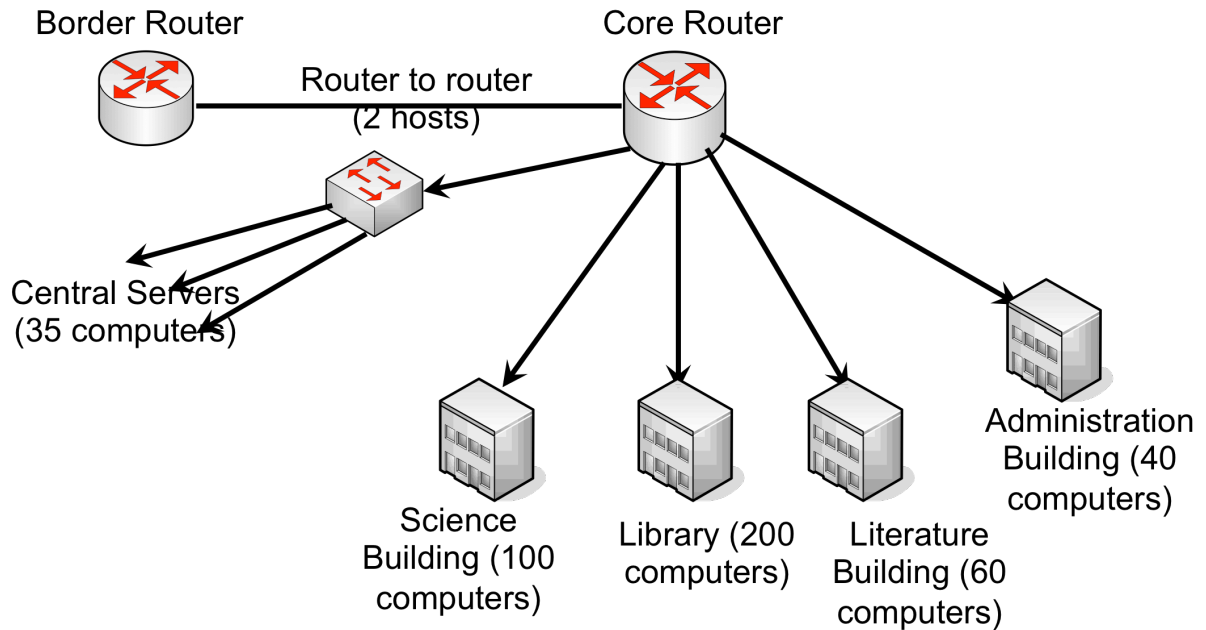# IP Addressing Exercise

Consider the following simple network (very similar to example in talk):

Fill out the CIDR size and number of addresses for each network in the following spreadsheet and compute the total number of IP addresses and CIDR size required to support this small network.

Network	# Hosts	CIDR Size	Addresses
Router to router connect	2	/30	4
Server Network	35	/26	64
Science Building	100	/25	128
Library	200	/24	256
Literature Building	60	/26	64
Administration Building	40	/26	64
Wireless Network	200	/24	256
Total Hosts Needed			836
CIDR Block Required		/22	1024