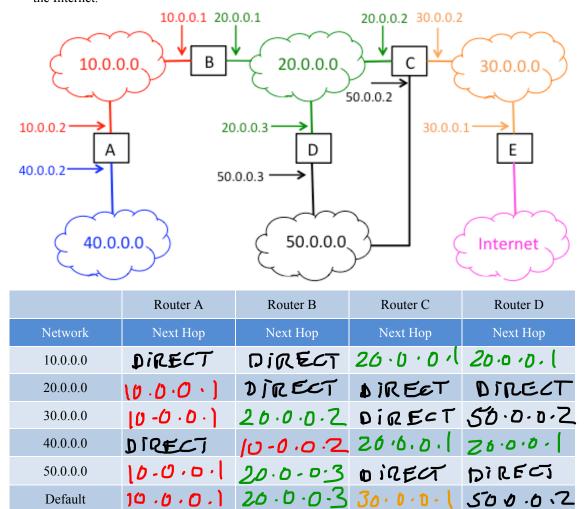
CIS-331 – Spring 2014	Exam 1	Name:_	
	Total of 109 Points	_	
	Version 1		

1. (24 Points) Show the routing tables for routers A, B, C, and D. Make sure you account for traffic to the Internet.



- 2. (20 Points) Explain how the ARP Protocol works. Why is it needed? Give examples and be as specific as possible.
- 3. (25 Points) Explain fragmentation as it relates to datagrams. Why is it necessary? Where does it occur? When and where are the fragments reassembled? Give examples and be as specific as possible.