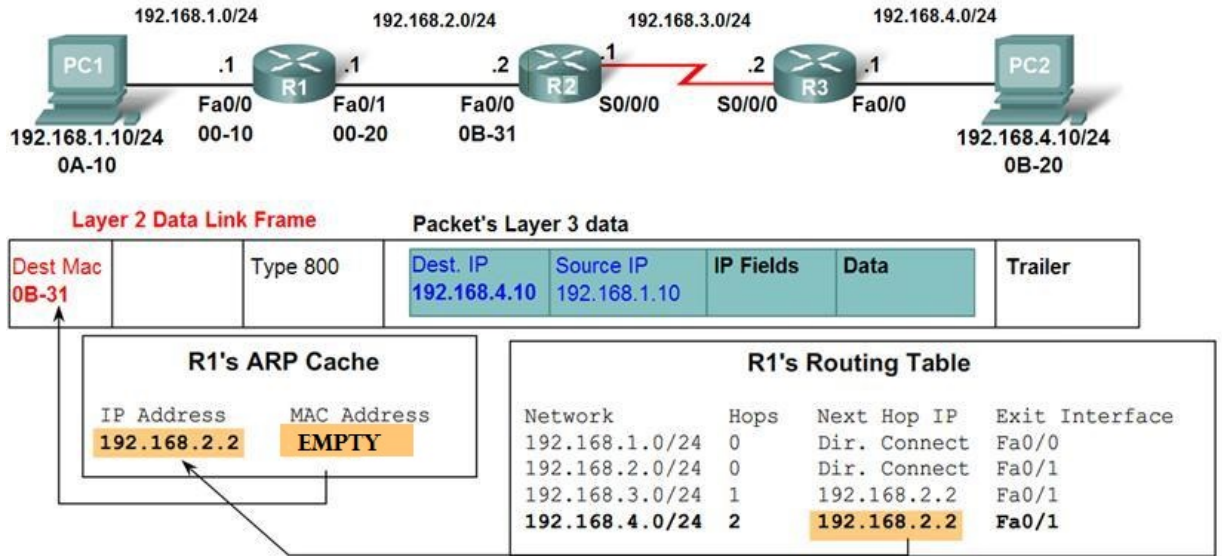


## Quiz 8: November 25, 2014

Left Neighbor: \_\_\_\_\_

Right Neighbor: \_\_\_\_\_

This is a closed book quiz



vspace.1in

(10 points) On the opposite side is a familiar picture . Describe the (approximately 8) steps that take place on Router 1 (R1) when it receives an Ethernet frame that originated at PC1 and contains a datagram bound for PC2. To get full credit, you have to correctly use these terms in your steps: *MAC address*, *IP address*, *Routing Table*, *decapsulate*, *encapsulate*, *Layer 2*, *Layer 3*, *ARP*, *broadcast*. **BE SUCCINCT!** (TAs: 8 points for right concept, and 2 points for stating it directly and concisely.)