1. 129.115.81.0/24
2. 255.255.255.0
3. 129.115.81.255
4. 254 available addressable hosts
5. 2 bits (1 – 128, 1 – 64)
6. 255.255.255.192
7. - 129.115.81.0 / 24

- 129.115.81.64 / 25

- 129.115.81.128 / 25

- 129.115.81.192 / 26

**SNMP Sample**

1. UDP
2. 161. This port number is typically associated with SNMP(Simple Network Management Protocol) and is used to monitor/manage devices on a network. Furthermore, this port number connects the SNMP managers and SNMP agents.
3. 60376. This port number is a client computer’s port number so a SNMP manager.
4. No, the 8 packets in the pcap file are not part of a connection-orieted message because the protocol being used is UDP. And UDP is used in connectionless messaging.

**HTTP Sample**

1. TCP
2. 80. This port number is used send and receive web pages on the internet.
3. 3372
4. SYN, SYN-ACK, and ACK are the transport layer flags set and this sequence of packets represents the establishment of a TCP connection (or a session).