TCP/IP Tutorial Questions

1. A) 2 fragments of 704 bytes and one of 592 bytes will be sent from A to D via B. the first two will have fragmentation offsets of 88 and the 592 fragment will have offset of 74

B) 1 fragments of 1496 bytes and 1 fragment of 504 will be sent from A to D via C. first fragment has offset of 187 second fragment has offset of 88

C) If the route goes through B then C the fragmentation will be the same as if it was just following the B route. If the route went through C then B the fragmentation would happen twice meaning:

704+704-592= 2000 bytes

2000 -704 = 1296 – 704 = 592