Homework 2

Q1:

1. cabled based – home access

2. DSL – home access

3. fiber - enterprise

4. Wireless/WI-Fi – home/wide area

5. wired/ethernet home/enterprise

6. Dial Up – home

Q2:

Circuit switched networks have dedicated circuits and allow for no sharing.

Q:3

Application – support network applications

Transport- process data transfers

Network—routing data

Link – data transfer between neighboring networks

Physical – handle bits on the wire

Q:4

1. 3Mbps/150Kbps = 20 users
2. 1/10% = 0.1
3. 120Cn(1/10)^n(9/10)^120-n
4. 1-.999=.001