Tutorial 1 Solution

Question 1

Desktop PC, notebook computer, server, smartphone, …

Question 2

Home access technology: DSL

Enterprise access technology: Ethernet

Wireless access technology: wireless LAN 802.11

Question 3

DSL: < 2.5 Mbps upstream, < 24 Mbps downstream, dedicated

HFC: < 2 Mbps upstream, < 30 Mbps downstream, shared

FTTH: > 1 Gbps, shared (CO to building), dedicated (to home)

Question 4

$L/R_1 + L/R_2$

Question 5

26.67 sec

Question 6

$(N+P-1)*(L/R)$