Answers to the example problems.

Problem 1.

1. a) 192.168.122.43 b) 52:54:00:7f:e3:df
2. 192.168.122.1, 52:54:00:26:63:d3
3. a) 8 packets b) 2. December 14.

Problem 2.

Answer: 3,4ms
8*1500 bits/(5*10^6)bits/sec = 2,4*10^-3 s= 2,4ms
Time to send the frame 2,4ms + propagation time 1 ms = 3,4ms

Problem 4.

a) L2
b) L3
c) L4

Problem 5.
To introduce priorities and to give higher priorities to the packets like ACK