Tutorial 10 Solution

Question 1

306 frames/sec

Question 2

$0.184 = 1/(1 + (6.44 \times d \times 10^9 / (12{,}000 \times 3 \times 10^8)))$

d = 2.5 Km

wide area network

Question 3

$0.368 = 1/(1 + (6.44 \times d \times 10^9 / (512 \times 3 \times 10^8)))$

d = 41 m

local area network