

You have 10 minutes to complete this quiz.

Name: _____

RIT Username: _____

Problem	Possible	Score
1	10	
Total	10	

1. Calculate the maximum cable length in 100 Mbps Ethernet environment. (assume that the light speed is $3.0 \times 10^8 \text{ m/s}$) (10 pts)

$$(64 \times 8) \text{ bit} \times (3 \times 10^8 \text{ m/sec}) / (2 \times 10^8 \text{ bit/sec}) = 768 \text{ m}$$