Model 1 Measuring Your Network

Your network performance can be measured in two ways:

- **bandwidth** the rate at which data is downloaded or uploaded to a network, measured in bits per second (bps), kilobits per second (kbps), or megabits per second (Mbps)
- latency how much time it takes (in milliseconds) for a request to reach its destination

Questions (10 min)	Start time:
1. Consider how performance should be measured:	
a) For bandwidth, would good performance be a large number	or a small number?
b) For latency, would good performance be a large number or a sma	ıll number?
2. Use an Internet speed test (https://www.google.com/search?q bandwidth here on campus and later at home.	=speed+test) to measure
a) On campus:	
b) At home:	
3. Use Pingdom's speed test (https://tools.pingdom.com/) to meabetween San Francisco and:	asure the average latency
a) http://google.com	
b) http://whitehouse.gov	
c) Any website you use	
4. Search for "Internet speed by state" and "Internet speed by count maps on fastmetrics.com.	ry" to find the interactive

a) Which state in the US has the fastest average peak speed? Which state has the slowest?

b) What is the difference between the fastest and slowest states?

c) Which country has the fastest average speed ? How does the US compare?	