

Name: _____

Working as a pair, create a Google FORM named **HCI Unit 1 Study Guide**. The Google Form must cover all of the following Networking Concepts AND at least 5 concepts from the previous discussions (Intro Concepts & Internet). You must number each question and provide multiple choice answers. Using the correct answers, create a key for the quiz. Make sure you use distractors as the other incorrect multiple choice answers. Then you and your partner must take the quiz. Finally, you must ask 2 other people in the class to take your quiz as well. A sample question is shown below.

Content that must be covered/asked with multiple choice responses:

1. Define digital communication
2. Define network
3. List at last three advantages of networks
4. How is a LAN different from a WLAN?
5. What is a client/server network?
6. What is communications software?
7. What is a MAC address?
8. List 3 network communication standards and protocols.
9. What are some examples of RFID chips in animals and/or people?
10. What is broadband?
11. What is a communications device?
12. What is a router?
13. What is a hub and/or switch?
14. What is bandwidth?
15. What is latency?
16. Explain KB, MB, GB
17. What is the difference between twisted-pair, coaxial and fiber-optic cables?
18. What are some mediums to transmit wireless signals?
19. What is a GPS?
20. According to fivethirtyeight.com (7/27/17), what location has the worst Internet connection in America?

Unit 1 HCI Concepts Quiz

Form description

According to the website [fivethirtyeight.com](https://www.fivethirtyeight.com) what city has the worst Internet Connection Speed?

☐ Chicago, IL

☐ Atlanta, GA

☒ Saguache, CO

☐ Highland Park, IL

☐ Add option or [ADD "OTHER"](#)

☒ ANSWER KEY (1 point)

Required ☒

HCI/Internet

Include at least 5 questions from your other units (Intro Concepts & The Internet)

Deliverable:

- ✓ Upload your Google Quiz to your HCI Page
- ✓ Upload the link to the quiz on my website

Intro CS Unit 1 - Concepts Quiz

*Required

According to the website [fivethirtyeight.com](https://www.fivethirtyeight.com) what city has the worst Internet Connection Speed? *