

1. Watch [Disability and Innovation Links to an external site.](#) Then, answer the following questions with complete sentences:

1. What are 3 specific tools/techniques that Haben Girma talks about that deaf and deafblind individuals use to communicate?

These are three tools/ techniques that Haben Girma talked about: 1) Digital Braille Display/ Braille, 2) Tactile Sign Languages/ Print on Palm, 3) Dance

2. What are 3 kinds of rights that Helen Keller advocated for? Why does Haben Girma talk about Helen Keller?

Helen Keller advocated for Women's Rights, Disability Rights, Workers Rights. Haben Girma brings Helen Keller up because she succeeded despite her disability.

3. According to Haben Girma, why do barriers exist? Name one barrier you have observed and one thing you think could be done to lower it.

Barriers exist because they are created by society. One barrier I have observed is the selection of color palettes in UI that make it difficult for color blind individuals to use it effectively. One thing that can be (and is) done to lower this barrier is to use colorblind friendly color palettes.

4. What are 3 different accessibility features that Haben Girma references specific to software/computer technology?

Accessibility features that Haben Girma references specific to software/ computer technology are: 1) Voice Over - screen reader application, 2) Support Dynamic Type, 3) Captioning, 4) Support for Assistive Devices

5. When should you start planning on incorporating accessibility features into your application? What metaphor does Girma use to illustrate this point?

When designing, plan from the start for incorporating accessibility features. She uses a metaphor of constructing, then de-constructing a skyscraper to properly install an elevator.

6. Who does accessibility increase access for? How?

Accessibility increases access for the consumers, and also for you. When you design with accessibility in mind more people can have access to your services.

7. What are the two inventions that Girma mentions that were originally invented to address issues of accessibility?

Two inventions that Girma mentions that were originally invented to address issues of accessibility are: 1) Typewriter, 2) E-mail

8. What is the last area that Haben Girma mentions as a place where we rarely seek innovation but has a lot of potential? Why does she say that this area has a lot of potential?

The last place Haben Girma mentions as a place we rarely seek innovation but has potential is: Haptics, communication through touch. She says this area has a lot of potential because there is a lot of intersection with this concept and technology.

2. Pick a website that you visit at least once a week. Answer the following questions about that website. Use complete sentences.

1. What is the website? (doesn't have to be a complete sentence)

Canvas

2. What are three aspects of this website that help it be more accessible?

This website has the following accessibility features: 1) Auto Show Closed Captions, 2) Microsoft Immersive Reader, 3) High Contrast UI

3. What are the accessibility critiques of this website? Do research to find reports about how well tools such as screen readers work on this site. Summarize the critiques you find and link your sources in your answer.

Canvas is committed to W3C's Web Accessibility Initiative and is 508-compliant^[1,2]. It ensures that itself, as an information communication technology, is accessible to people with disabilities. That said, it is up to the instructor to ensure their class content utilizes the tools that Canvas Provides to make their content accessible to their students^[3].

[1]<https://community.canvaslms.com/t5/Canvas-Basics-Guide/What-are-the-Canvas-accessibility-standards/ta-p/1564>

[2]<https://www.hhs.gov/web/section-508/index.html>

[3]<https://support.emerson.edu/hc/en-us/articles/205015539-Creating-Accessible-Canvas-Content>

4. Propose some changes to the site that might address the critiques in #3. What are the pros/cons of these changes?

At least on the student side of the service, making the accessibility features accessible from the main page/ any page rather than navigating all the way into the account page, then settings to get to these features. The pro of this is that it would be easier to get to these accessibility features at any time.