Read the following articles:

* <https://www.digitaltrends.com/mobile/sim-swap-fraud-explained/>
* <https://www.itworldcanada.com/article/warning-protect-your-mobile-phone-numbers-from-being-hijacked/396018>
* <https://www.wired.com/story/sim-swap-attack-defend-phone/>

Questions:

1. What is a SIM card?

* a smart card inside a mobile phone, carrying an identification number unique to the owner, storing personal data, and preventing operation if removed.

1. Why is a SIM card required for your phone to work?

* Without it you can’t make any calls and it wont tap into a mobile network

1. What is “[text-based two-factor authentication](https://www.wired.com/2016/06/hey-stop-using-texts-two-factor-authentication)” ?

* To log into some websites they will ask for two factor authentication and send you a text

1. How is two-factor authentication related to your phone?

* You get a text on your phone which has a code that you need to log in

1. How is two-factor authentication related to your SIM card?

* You need a sim card in order for your phone to work and to text

1. List some of the services criminals can access if they get control of your SIM card.
   1. Banking & Financial
   2. Social Media

* Contacts
* Other accounts for apps
* Personal info

1. Explain how criminals can get control of your SIM card.
   1. Collecting Personal Information

* They can hack into personal info
  1. Create False Identity
* They find your social media accounts and find your name and address
  1. Requesting a new SIM card
* They phone your phone company and fake that they are you and tell them to deliver the new sim card

1. What are some signs of SIM swap fraud?

* Your phone stops working and you can’t get any calls or texts
* If you call your phone company and they say you orderd a new sim card but you actually didn’t

1. How can you prevent SIM swap fraud?
   1. What are some general methods

* By not using two factor authentication in case you lose your phone
  1. Who is your Canadian phone company / carrier?
* My phone company is rogers
  1. What do they offer regarding SIM swap fraud prevention?
* They say to use two factor authentication which I don’t want to do. They also say to call if there is suspicious activity on your phone and if your phone stops working