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?

It’s a relatively new, sophisticated form of fraud that allows hackers to gain access to bank accounts, credit card numbers, and other personal data.

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

A SIM card is required for your phone because it stores the users data

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

A text based two-factor authentication is the use of text and other messaging services as a vehicle for sending one-time passwords used in many [multifactor authentication](http://techbeacon.com/8-reasons-you-should-turn-multi-factor-authentication) schemes.

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

The two-factor authentication uses a password to open your phone

1. How is two-factor authentication related to your SIM card?
2. List some of the services criminals can access if they get control of your SIM card.
   1. Banking & Financial
   2. Social Media
   3. Travel Agency
   4. Contacts
   5. Subscription’s
3. Explain how criminals can get control of your SIM card.
   1. Collecting Personal Information
   2. Create False Identity
   3. Requesting a new SIM card
4. What are some signs of SIM swap fraud?

Someone ended spending a lot of money on your card and you didn’t know about it

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

You can have a strong password on ur phone

* 1. Who is your Canadian phone company / carrier?

Rogers

* 1. What do they offer regarding SIM swap fraud prevention?

You can call rogers or go to community help and they can send you a email to shut off your phone