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 that you put inside a mobile phone. It identifies your phone number, storing personal data, and preventing operation if removed

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

A SIM is required for your phone to work because the SIM allows to your phone to connect the mobile networks so the user could call and revise texts

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

Two-factor authentication is a text based verification

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

Because it send a message to your phone to verify if it is you

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

It send a message to your phone number which is related to your SIM card

1. List some of the services criminals can access if they get control of your SIM card.

**a.**    **Banking & Financial**

-       Address

-       People under your account

-       Credit Score

-       Transferring Money

**b.**    **Social Media**

-       Twitch Account (from Amazon Prime)

-       Snap chat

-       Facebook

-       Instagram

-       Pinterest

**7.**   **Explain how criminals can get control of your SIM card.**

**a.**    **Collecting Personal Information**

-       Criminals follow your social media accounts to find more information about you.

**b.**    **Create False Identity**

-       They take pictures off of Google, make notes of your information and make your full profile.

**c.**    **Requesting a new SIM card**

-       They make a fake store to describe to the carrier company to describe how you lost your SIM card and will need a new one.

**8.**   **What are some signs of SIM swap fraud?**

Some signs of SIM swap fraud are:

-       Your phone is not working.

-       No service

- The provider company calls you to confirm the new sim request.

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

Try to keep your private information to yourself and do not give personal information online

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

Bell

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

They ask for name and other general information that they have on their computer to if it is the same person.