

## **Multiplication and Division Lesson Plan**

by Jessica Wesaquate and Andrea Rogers

### **Strand:**

Number and Operations

### **Grade Level:**

Five

### **Objectives:**

Students will be able to use multiplication in a real-life situation

Students will be able to use division in a real-life situation.

Students will be able to solve problems using more than one method.

Before completing this lesson with students, have them watch the video of Metis physician Alika Lafontaine or nursing student Tara Littlechief. Both of these individuals serve as great Aboriginal role models in the community.

### **Scenario:**

You have an appointment at the All Nations Hope Hospital in Fort Qu'Appelle. Use multiplication and division to solve the following problems:

There are four patients before you to go in for appointments with your doctor, if each appointment are to run about fifteen minutes each, how long will it be before you get in? Estimate, then solve.

You get thirsty while you wait so you decide to get an orange juice. It will cost you \$2.00 for your juice. The vending machine only takes bills. Using division, determine how many toonies you will get back from a \$20 dollar bill.

Your doctor prescribes you 50 grams of skin cream for your bad skin. He suggests you get three refills of the prescription. Estimate, then solve how many grams of refills he prescribed you. Try and solve this problem another way as well.

Now it is time to head back to Regina! The drive from Fort Qu'Appelle back to town is 73.6 KM. Your mushom said he will give you \$0.20 cents for each of those kilometers. How much is he giving you?

As the educator, you may choose to make different situations and problems for your students to solve. It may be fun for your students to create their own questions to swap with a partner.

You can have students volunteer to show how they solved their answers. You can compare and contrast how one student solved their answer to the next student.

Aboriginal Perspectives is supported by the University of Regina, the Imperial Oil Foundation, the Canadian Mathematical Society and the Pacific Institute for the Mathematical Sciences.