

Chapter 6 Wrap It Up!

This worksheet will help you with the Wrap It Up! on page 239.

Most of the Boreal Plains ecozone is covered by woods and forests. The total area of the Boreal Plains ecozone is about 750 000 km², including both land and fresh water. The table shows the approximate fraction of this ecozone found in different locations.

Province/Territory	Fraction of the Boreal Plains Ecozone in the Province/Territory
Alberta	$\frac{13}{25}$
British Columbia	$\frac{1}{20}$
Manitoba	$\frac{17}{100}$
Northwest Territories	$\frac{1}{50}$
Saskatchewan	$\frac{6}{25}$

Using the information given above, develop three original word problems that can be answered using division and multiplication of fractions. Include at least one division question and one multiplication question.

Write solutions for your questions on a separate sheet.

Example:

A multiplication question: How many square kilometres does the Boreal Plains ecozone occupy in Saskatchewan?

$$\begin{aligned} \text{Answer: } 750\,000 \times \frac{6}{25} &= \frac{4\,500\,000}{25} \\ &= 180\,000 \end{aligned}$$

The Saskatchewan area of the Boreal Plains is 180 000 km².

1. Your multiplication question:

Name: _____

Date: _____

BLM 6-22
(continued)

2. Your division question:

3. Your division or multiplication question:

4. Exchange your questions with a partner. Solve your partner's questions.
Show your thinking.