

Name: _____

Date: _____

BLM 4-1

Chapter 4 Math Link Introduction

This worksheet will help you with the Math Link introduction on page 121.

Conserving water is a key step to making a difference to the world's fresh water supply.

Read the article on page 121 of the student resource.

1. What reason was given in the article for restricting water use in Tofino?

2. Why might other communities have water restrictions?

3. a) What two kinds of water restrictions did the article mention?

b) What other kinds of water restrictions might there be?

4. Determine the missing number.

a) $\frac{3}{25} = \frac{\square}{100}$ **b)** $\frac{17}{20} = \frac{\square}{100}$ **c)** $\frac{1.5}{10} = \frac{\square}{100}$

Use the procedures you used to solve #4 to answer #5 and #6.

5. If you usually shower for 20 min, what percent of water would you save by showering for 1 min less? Show your steps.

6. What percent savings in water might there be if you change from a 10 L/min showerhead to an 8.5 L/min showerhead? Show your steps.