Name: _____ Date: _____

Section 4.2 Math Link

This worksheet will help you with the Math Link on page 137.

Percents can be represented in three ways.

Example: 50% is 0.5 as a decimal and $\frac{1}{2}$ as a fraction.

1. Convert each percent to a decimal.
   Example: 6% = <u>0.06</u> Divide by 100.

   a) 68.9% = _____   **b)** 30.8% = _____   **c)** 0.3% = _____

2. Convert each decimal to a fraction. Write the fraction in lowest terms.
   Example: 8.5% = $\frac{8.5}{100} = \frac{85}{1000} = \frac{17}{200}$ Look at the last digit to determine its
   place value.

   a) 68.9% =

   b) 30.8% =

   c) 0.3% =

3. Fill in the table using your answers from #1 and #2.

Fresh Water	Percent	Decimal	Fraction
Glaciers	68.9%		
Groundwater	30.8%		
Lakes and rivers	0.3%		