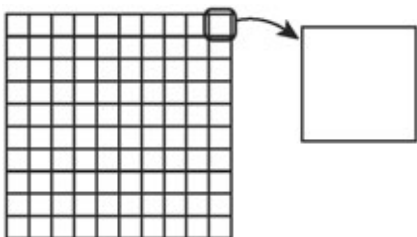


Section 4.1 Math Link

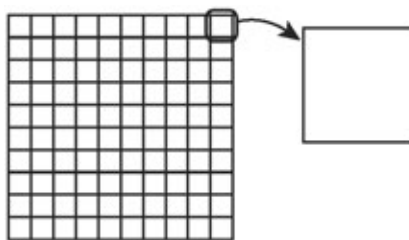
This worksheet will help you with the Math Link on page 129.

Use hundred grids to represent the following data.

- 1.** 97.5% of Earth's Water is Salt Water
How many squares will you shade?



- 2.** 2.5% of Earth's Water is Fresh Water
How many squares will you shade?

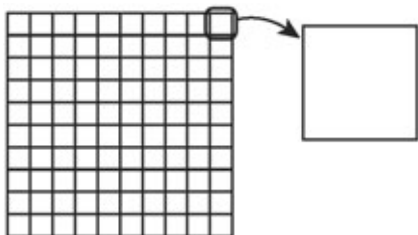


- 3.** $\frac{3}{10}$ % of Fresh Water Found in Lakes and Rivers

a) What part of one square on the hundred grid will you shade? _____

b) Zoom in on one square of the grid. Into how many parts will you need to divide the enlarged square? _____

How many small squares will you shade? _____



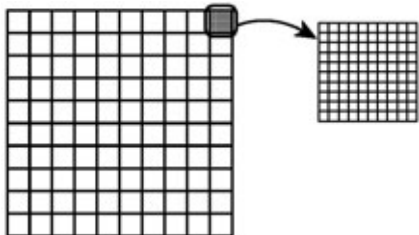
Name: _____

Date: _____

4. 0.04% of Fresh Water Found in Earth's Atmosphere

a) Write 0.04 as a fraction: $\frac{\square}{\square}$.

How many small squares will you shade on the enlarged square? _____



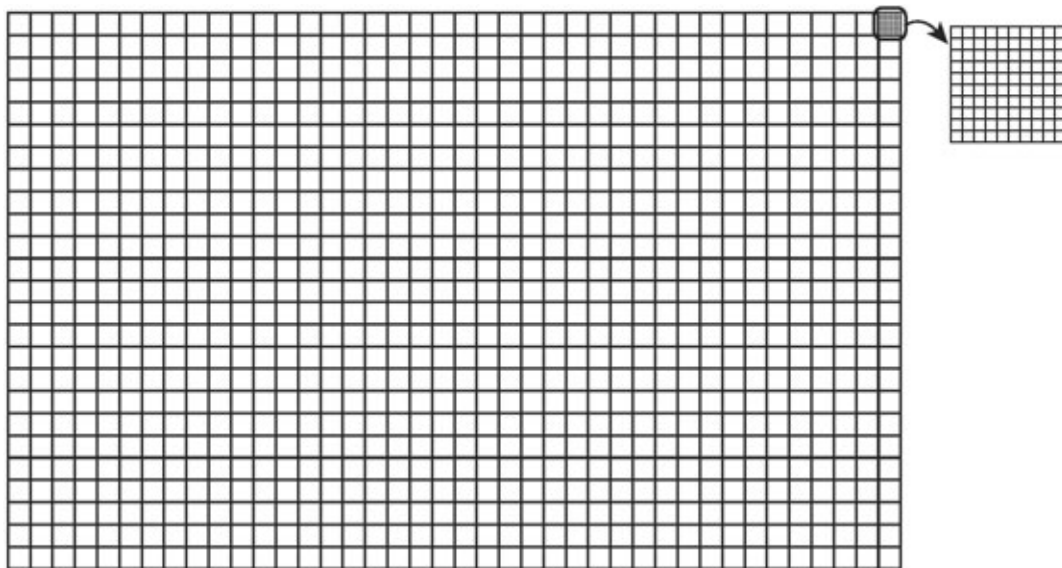
b) Write 0.04 as a fraction in lowest terms: $\frac{\square}{\square}$.

Explain how to represent this new fraction using a hundred grid.

5. 0.007% of Fresh Water Accessible for Drinking Water

a) Write 0.007 as a fraction: $\frac{\square}{\square}$.

If you zoom in on one square of the thousand grid, how many small squares will you shade? _____



b) Explain another way to represent 0.007 on a hundred grid.

Hint: Let each square on the hundred grid represent _____.