

## Section 4.1 Extra Practice

1. Fill in the blanks.

a) *Percent* means out of \_\_\_\_\_.

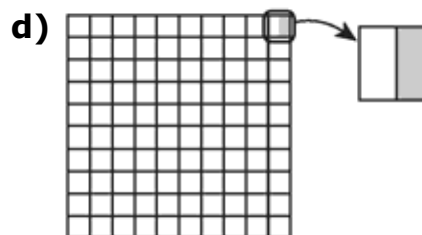
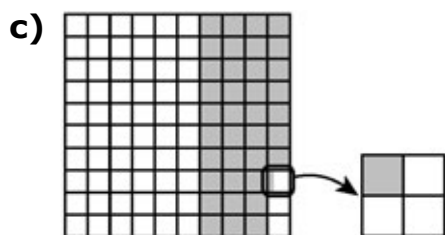
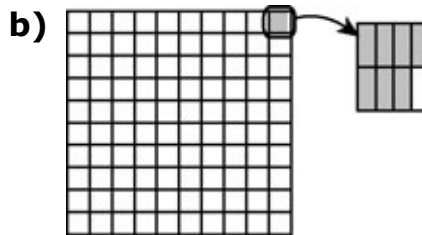
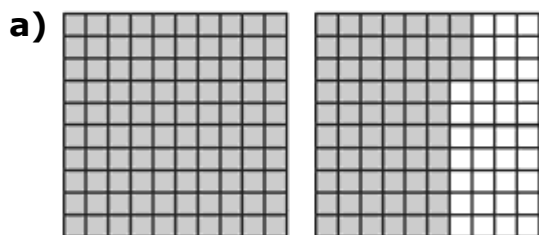
b) To represent a percent, you can shade squares on a  
\_\_\_\_\_

c) To represent a percent greater than 100%, shade  
\_\_\_\_\_ than one grid.

d) A percent that includes a portion of a percent is a  
\_\_\_\_\_ percent.

e) To represent  $\frac{3}{4}\%$  on a hundred grid, divide one square into \_\_\_\_\_ sections  
and shade \_\_\_\_\_ of the sections.

2. One completely shaded grid represents 100%. What percent does each diagram represent?



Name: \_\_\_\_\_

Date: \_\_\_\_\_

**BLM 4-5**  
(continued)

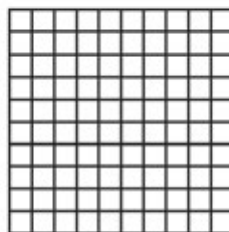
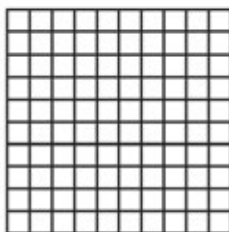
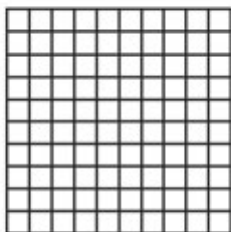
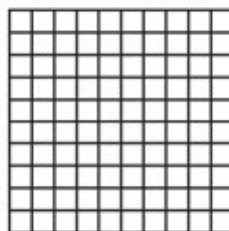
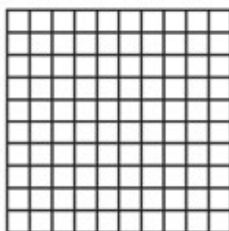
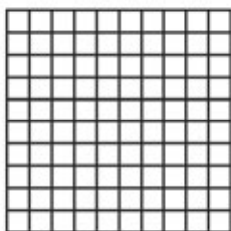
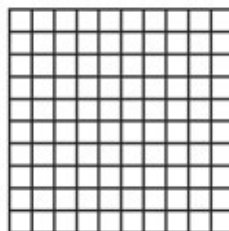
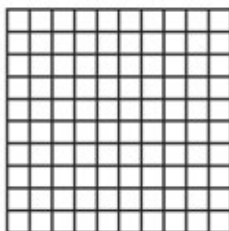
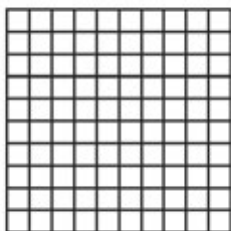
For #3 and #4, use the grids that follow to answer the questions. Label the grid(s) you use.

3. Shade grids to represent each percent.

- a) 175%   b)  $43\frac{1}{2}\%$    c) 0.2%   d)  $\frac{5}{6}\%$

4. Shade grids to represent the percent in each statement.

- a) Attendance at the science fair decreased by 5.4% last year.  
b) 0.3% of Earth's fresh water is found in lakes and rivers.  
c) The length of the St. Lawrence River is about 150% of the length of the Columbia River.



5. How many hundred grids are needed to show each percent?

- a) 235% \_\_\_\_\_   b) 789% \_\_\_\_\_   c) 1630% \_\_\_\_\_