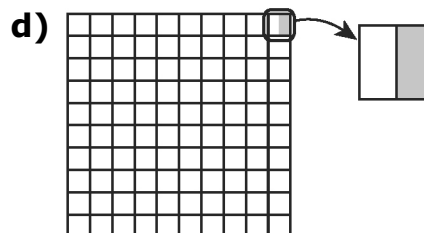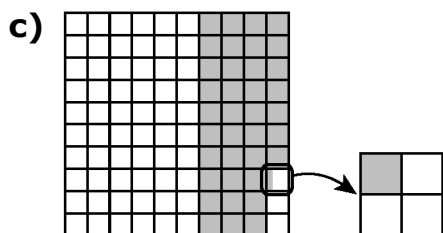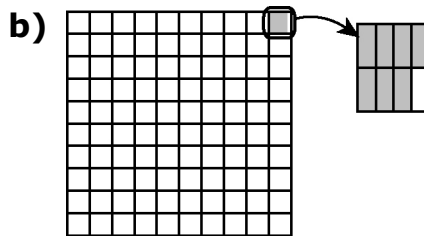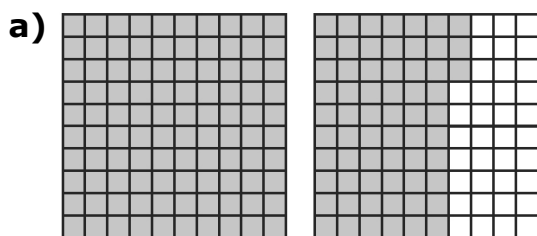# 4.1 Worksheet

1. Fill in the blanks.

a) *Percent* means out of _____.

b) To show a percent, you shade squares on a _____ grid.

c) To show a percent greater than 100%, shade _____ grids.

d) To represent $\frac{3}{4}$% on a hundred grid, divide one square into _____ sections and shade _____ of the sections. This is because $\frac{3}{4}$% is _____ than ONE _____!

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

a)

b)

c)

d)

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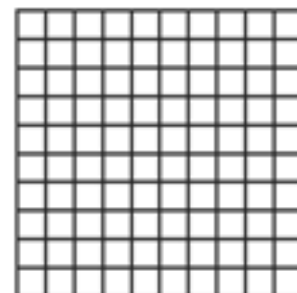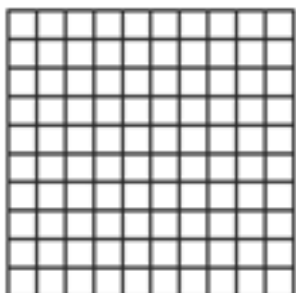
3. Shade grids to represent each percent.

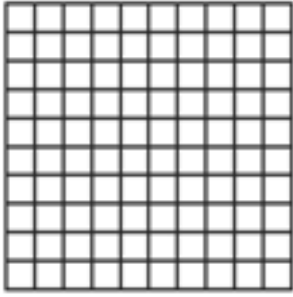**a)** 17%   **b)** $43\frac{1}{2}$%   **c)** 0.2%   **d)** $\frac{5}{6}$%
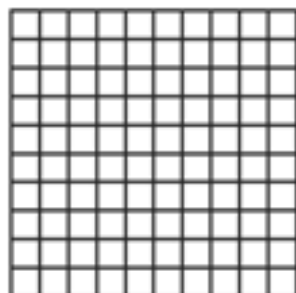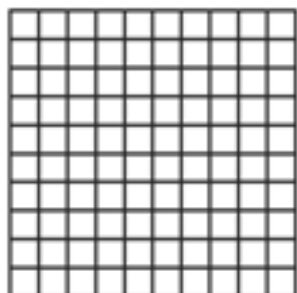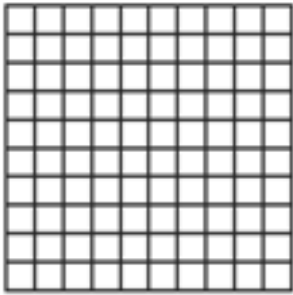
4. Shade grids to represent the percent in each statement.
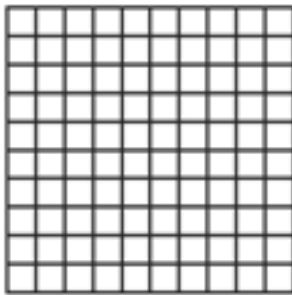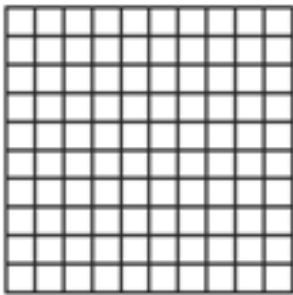
   a) Attendance at the science fair decreased by 5.4% last year.

   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% _____