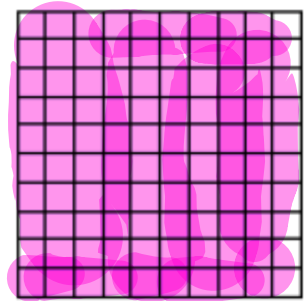Name: _____   Date: _____

| **Learning Goal 3.1** | I can convert between percent, decimal and fractions. |

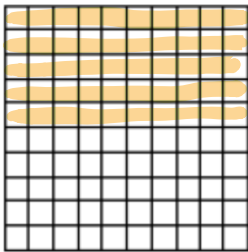**Percent**

Out of ← french for 100

It's a fraction whose denominator is always 100.
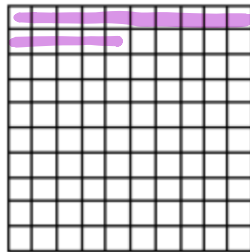
$\frac{100}{100} = 100\% \ (=1)$

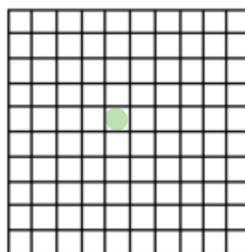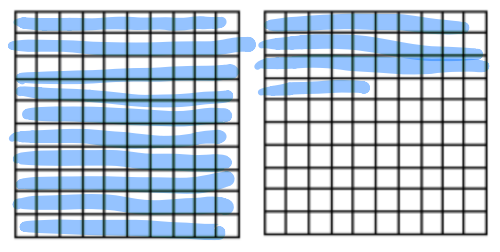**Example** Represent the following percents on each grid.

a.   50%   b.   15%   c.   1%   d.   135%
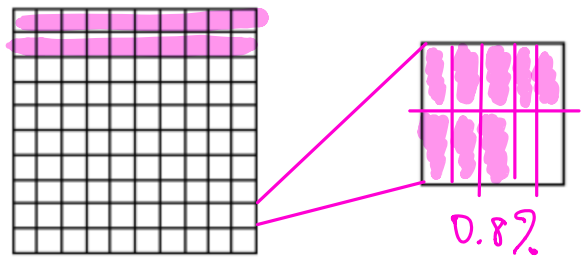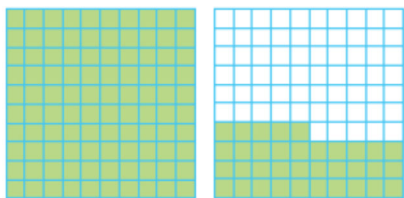
100% + 35%
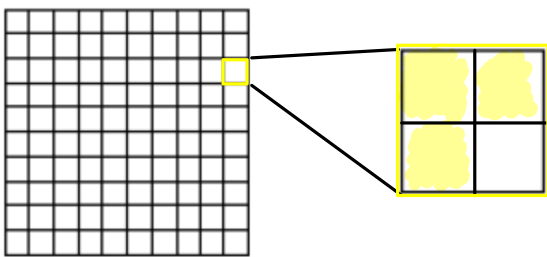
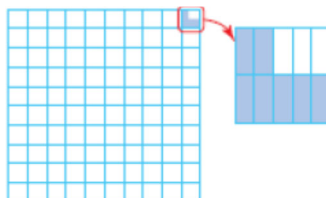e. $\frac{3}{4}$%   f.   20.8%

20%

0.8%

Example Determine the percent represented on the grid.

a.   b.   c.

100% + 35%
= 135%

$\frac{7}{10}\% = 0.7\%$

42%
$= 42\frac{5}{8}\%$

$\frac{5}{8}\%$

Assignment   P. 128 #4 – 9, 12, 14   Quiz Next Day!
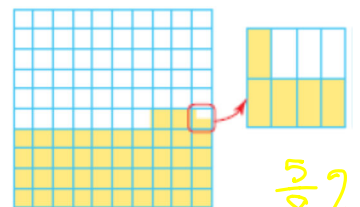
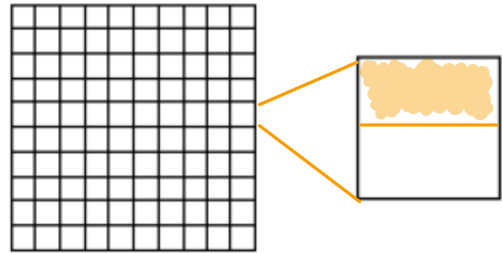**Example** Represent the percent in each statement on a grid.

a. An orange juice container shows that one 250 mL serving contains 120% of the recommended daily value of vitamin C.

120%

100%   +   20%
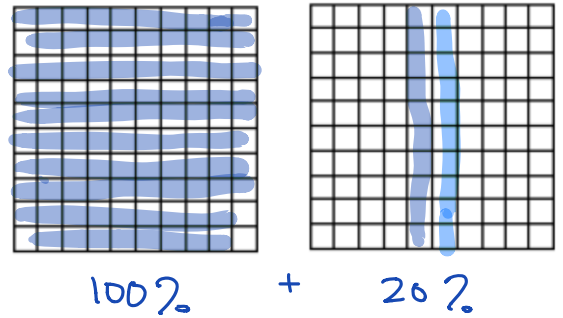
b. A significant portion of the world's fresh water is found in Canada, but Canada has only 0.5% of the world's population.

0.5%

c. A credit card company charges an interest rate of $18\,{}^{3}\!/_{4}\,\%$ on unpaid balances.

$18\frac{3}{4}\%$

18% $\frac{3}{4}\%$