Section 4.2 Extra Practice

1. Fill in the blanks.

a) *Percent* means out of 100, so 3% = $\frac{3}{\square}$.

b) 0.19 means 19 _____, so 0.19 = _____%.

2. Fill in the blanks to convert each fraction to a percent.

a) $\frac{1}{4} = \frac{\square}{100} = $ _____%   **b)** $\frac{3}{5} = \frac{\square}{10} = \frac{\square}{100} = $ _____%

c) $\frac{17}{20} = \frac{\square}{100} = $ _____%   **d)** $\frac{93}{200} = 93 \div $ _____ $= 0.$_____ $= $ _____%

3. Fill in the blanks to convert each percent to a fraction in lowest terms.

a) 80% $= \frac{\square}{100} = \frac{4}{\square}$ **b)** 250% $= \frac{250}{100} = \frac{\square}{\square}$

c) 12.5% $= \frac{\square}{100} = \frac{\square}{1000} = \frac{\square}{\square}$ **d)** 0.66% $= 0.$_____ $= \frac{\square}{10\,000} = \frac{\square}{\square}$

4. Complete the following table. The first row is completed for you.

Percent	Fraction	Decimal
Example: 108%	$\frac{108}{100}$	1.08
a)	$\frac{63}{40}$	
b)	$\frac{\square}{\square}$	0.082
c)	$\frac{49}{300}$	
d) 0.78%	$\frac{\square}{\square}$	
e)	$\frac{\square}{\square}$	3.36