Name: _____ Date: _____

BLM 8–8

Section 8.2 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 ÷ ____ = 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

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5. Jeremy enlarged a picture. The length of the original picture is 8 cm and the width is 5 cm. The length of the enlarged picture is 10 cm and the width is 7 cm.

a) What percent is the 10 cm length of the 8 cm length? Show your work.

b) What is the area of each picture? By what percent is the area changed?

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