Name: _____
Date: _____ Block: _____

Review Booklet (Chapter 4)

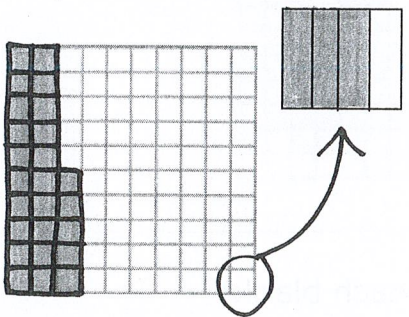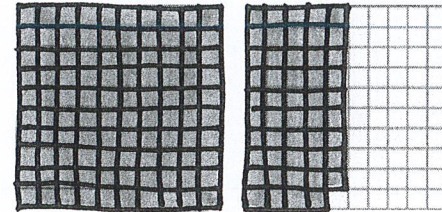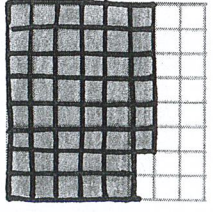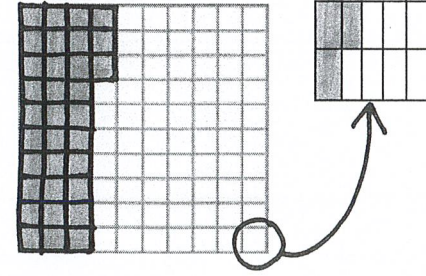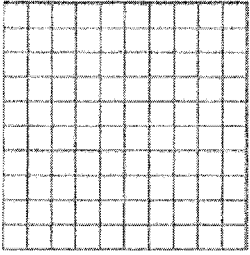**Part 1:** How many hundreds grids are needed to show:
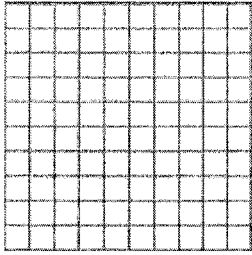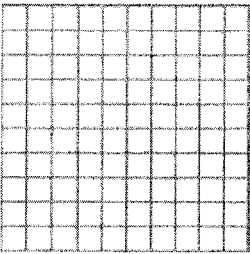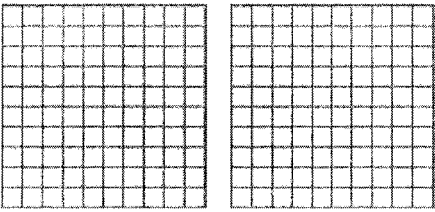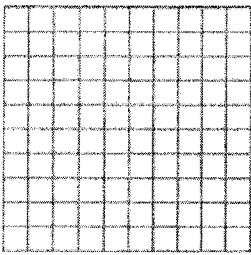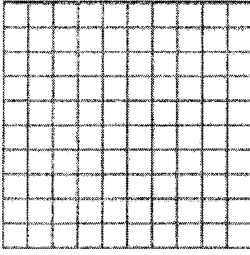
a) 45%	b) 396%	c) 999%

Part 2: What percent does each diagram represent if one completely shaded grid represents 100%?

a)

b)

c)

d)

e)

f)

Hint *Not* a hundreds grid.

Part 3: Shade the following to show each percent:

a) 57%	b) 43%
c) 14.7%	d) 118%
e) $\frac{3}{5}$%	f) $22\frac{1}{5}$%

Part 4: Complete the following table:

Percent	Decimal	Fraction
a) 16%		
b)	0.82	
c)		$\dfrac{75}{100}$

Percent	Decimal	Fraction
d) 18.2%		
e)	0.02	
f)		$\dfrac{489}{10,000}$
g) $\dfrac{3}{4}$%		
h) 642%		
i)	0.0038	
j) $\dfrac{6}{10}$%		
k) $6\dfrac{2}{16}$%		
l)	0.03801	
m)		$\dfrac{9}{20}$

Part 5: Determine the following.

a) 5% *of* 899	b) 900% *of* $1,000
c) 19% *of* 2,501	d) 0.02% *of* $2,300
e) 35.8% *of* $11,812.45	f) $\frac{2}{5}$% *of* 4,000
g) 15% *of* 999	h) 310% *of* $1,000
i) 1.5% *of* 2,505,000	j) 8.02% *of* $22,400
k) $\frac{5}{8}$% *of* $11,899.45	l) $\frac{2}{9}$% *of* 4,050

Part 6: Solve the following.

a) What are the 12% taxes on a subtotal of $144.96?

b) What are the total savings if you buy four DVDs that cost $19.95 each but are on sale 20% off?

c) Shawn bought three shirts for $10.00 each, six pairs of socks for $2.35 per pair, and one pair of jeans for $49.95. What was his bill after 12% in taxes?

d) A sales rep for Bell Mobility earns her wages on a commission basis. She earns 2% on sales up to $10,000, 3% on sales from $10,000 – $30,000, and 4% on anything over $30,000. If she sells $38,500 worth of product, how much did she earn?

e) Convert 68% into a decimal and a fraction in <u>lowest terms.</u>

f) Convert 2.625 into a percent and a fraction in <u>lowest terms.</u>

g) Identify the percent, fraction and decimal for the following three grids: