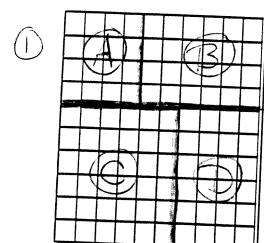
Review

PERCENTAGES

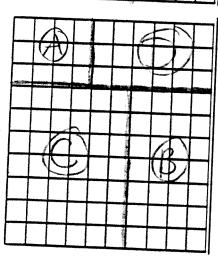
NAME:

A. Give the area of each piece in this diagram as a percent of the whole square



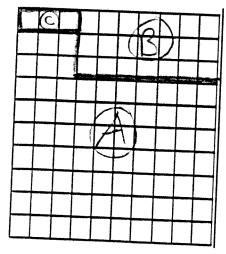
- A)_____
- B)____
- C)_____
- D)_____





- A)____
- B)_____
- C)_____
- D)_____





- A)_____
- B)_____
- C)_____

B. Benchmarking. Complete the following table

100%	80 %	60 %	15%	5%
70				

_	100%	70 %	50 %	10%	8%
2	65				

	100%	60%	40 %	15%	2%
(3)	40				

	100%	80 %	60 %	15%	5%
4)	84				



Complete the table below using your knowledge of fractions, decimal and percent conversions.

Reduce to lowest terms

Problem	Fraction	Decimal	Percen
1.	<u>4</u> 5	0.80	
2.		0.375	37.5%
3.	11 20		55%
4.	7 8		
5.		0.72	
6.	13 20		
7.		0.975	
8.			110%
9.	105		
10.		0.0046	
11.			112%
12.	3 <u>5</u> 20		





Check What You Know

SHOW YOUR WORK

Finding Percents

Solve each problem.

12. A grocery store is offering a 2% savings if customers bag their own groceries. How much will Akira save on a purchase of \$215.50?

He will save ______

13. A home improvement company gives a 30% discount for all projects over \$1,000. If the original cost of Praveen's project is \$2,545, how much will he save with the discount?

He will save ______.

14. A restaurant charges an automatic 20% tip for groups of 6 or more. A group of 8 people had a bill of \$187. How much was their tip?

Their tip was ______.

15. A department store has a policy of charging a 15% service charge on all returned checks. If a check for \$725 is returned, how much will the service charge be?

The service charge will be _____.

16. A mail order company charges $4\frac{1}{2}\%$ for shipping and handling on all orders. How much is the shipping and handling charge on an order of \$52?

The shipping charge is ______.

17. The phone company charges a 1.5% service fee on all long distance calls. If a long distance bill is \$32, how much is the service fee?

The service fee is ______.

13.

13.

14.

15.

16.

17.

Name: _____

Percentages



Part 1: Convert each percent into a fraction in simplest form.

Part 2: Convert each fraction into a percent.

f.
$$\frac{2}{5}$$
 - _____

g.
$$\frac{13}{25}$$
 -

h.
$$\frac{7}{25}$$
 -

J.
$$\frac{3}{4}$$
 -

k.
$$\frac{19}{20}$$
 - _____

Part 3: Find the answer to the word problem.

I. Maria took a history test with 25 questions on it. She correctly answered 22 questions. Write her test score as a percent.

Lesson 4.1 Understanding Percents

Percent means how many out of 100 and is expressed with the symbol %. Percents can also be expressed as fractions with a denominator of 100 and as decimals.

$$25\% = \frac{25}{100} = \frac{1}{4} \text{ or } 0.25$$

$$30\% = 30 \div 100 = 0.30$$

Complete the following. Write fractions in simplest form.

	Percent	Fraction	Decimal
1.	7%		
2.	13%		
3.	48%		
4.	71%		
5.	27%		-
6.	2%		
7.	15%		
8.	39%		
9.	10%		
10.	62%		
11.	75%		
12.	97%		
13.	53%		
14.	82%		



ME Mrs. Glosser's Add Math Goodles

Percent Worksheet 1

Name ___

1. Write each fraction as a percent.

a)	35
	100

12 b) 20

 $\frac{9}{25}$ c)

 $\frac{3}{8}$ d)

2. Writ	each e	decimal	as	а	percent.
---------	--------	---------	----	---	----------

a) 0.13

b) 0.85

c) 0.07

d) 0.875

3.	Write	each	percent	as	а	fraction
----	-------	------	---------	----	---	----------

a) 36%

b) 70%

c) 12%

d) 110%

b)

c) 95%

d) 0.0125%

4. Write each percent as a decimal.

a) 31%

12.5%

	MRS. GLOSSER'S Math Goodles
π G	Math Goodles

Percent Worksheet 2

Name _____



1. Write each fraction as a percent.

a)
$$\frac{96}{100}$$

b) $\frac{1}{8}$

c) $\frac{6}{25}$

d) $\frac{11}{20}$

2. Write each decimal as a percent.

- a) 0.09
- b) 0.75
- c) 0.14
- d) 0.375

*******	***************************************	 	-

- 3. Write each percent as a fraction.
- a) 36%
- b) 70%
- c) 12%
- d) 110%

- 4. Write each percent as a decimal.
- a) 11%
- b) 87.5%
- c) 45%
- d) 0.0625%

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Percent Worksheet 3

	-
Name	
· vaiii 6	



Complete the table below using your knowledge of fractions, decimal and percent conversions.

Problem	Fraction	Decimal	Percent
1.	3	0.80	
2.		0.375	37.5%
3.	<u>55</u>		55%
4.	875		
5.		0.72	
6.	65		
7.		0.975	
8.			110%
9.	15/100		
10.		0.0046	
11.			112%
12.	<u>75</u> 100		

