

NAME _____

DATE _____



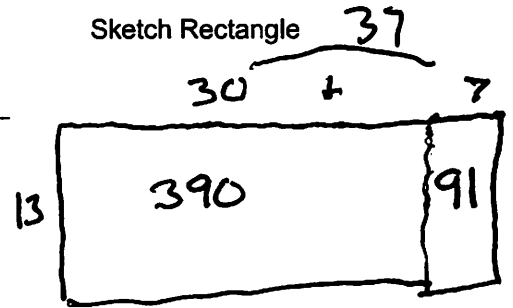
Unit 4 Review page 1 of 4

3 hundreds
9 Tens

$$\begin{array}{r} 37 \\ 13 \overline{) 481} \\ \underline{- 39} \\ 91 \\ \underline{- 91} \\ 0 \end{array}$$

Number of Groups	1	10	20	5		
Total	13	130	260	65		

Sketch Rectangle



$$\begin{array}{r} 390 \\ + 91 \\ \hline 481 \end{array}$$

$481 \div 13 = 37$
 ~~$13 \times 37 =$~~
 $13 \times 37 =$

1 Fill in the blanks.

a $\frac{1}{4}$ of 36 is _____, so 0.25×36 is _____, so 25×36 is _____,

add group of 36

so 26×36 is _____, and 24×36 is _____.

subtract group of 36

b $\frac{1}{4}$ of 48 is _____, so $\frac{3}{4}$ of 48 is _____, so 75×48 is _____,

so $76 \times 48 =$ _____, and 74×48 is _____.

(continued on next page)

NAME _____

DATE _____

Unit 4 Review page 2 of 4

- 2** Solve the division problems below. For each one, complete the ratio table first. Then you can solve the problem using only numbers, or you can use sketches and numbers together. You can also add more entries to the ratio table if you want to. The first problem has been done for you as an example.

			Sketch Rectangle					
ex	$15 \overline{) 240}$	Number of Groups	1	10	20	5		
		Total	15	150	300	75		
							Sketch Rectangle	
a	$16 \overline{) 272}$	Number of Groups	1	10	20	5		
		Total	16					
							Sketch Rectangle	
b	$12 \overline{) 216}$	Number of Groups	1	10	20	5		
		Total	12					
							Sketch Rectangle	
c	$17 \overline{) 408}$	Number of Groups	1	10	20	5		
		Total	17					
							Sketch Rectangle	

(continued on next page)

NAME _____

DATE _____

Unit 4 Review page 3 of 4

3a Maria is planning to make friendship bracelets to sell at the farmers' market. Each bracelet costs \$1.25 to make. Use the ratio table to show your strategy for finding the cost to make 19 bracelets.

Number of Bracelets	1								
Cost	\$1.25								

The cost to make 19 bracelets is _____.

b Use the ratio table to show your strategy for finding how many bracelets Maria can make for \$126.25.

Number of Bracelets	1								
Cost	\$1.25								

Maria can make _____ bracelets for \$126.25.

4 Solve each of the problems below. You may use the standard algorithm, four partial products, the "money method," a ratio table, etc.

$$\begin{array}{r} 26 \\ \times 36 \\ \hline \end{array}$$

$$\begin{array}{r} 28 \\ \times 36 \\ \hline \end{array}$$

$$\begin{array}{r} 36 \\ \times 36 \\ \hline \end{array}$$

Solve below

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(continued on next page)

NAME _____

DATE _____

Unit 4 Review page 4 of 4

- 5** Fill in the boxes to complete each multiplication combination below using the standard algorithm.

$$\begin{array}{r} 46 \\ \times 32 \\ \hline 2 \\ + 38 \\ \hline 1, 7 \end{array}$$

$$\begin{array}{r} 506 \\ \times 31 \\ \hline 06 \\ + 15, 0 \\ \hline \end{array}$$

$$\begin{array}{r} 622 \\ \times 77 \\ \hline 4,3 4 \\ + \quad ,540 \\ \hline 4, 8 4 \end{array}$$