Name:	Period:	Date:	

Multiplying Multi-Digit Whole Numbers

Exit Quiz

Math 5

Part 1: Find the product of 581 and 364 using the given strategy.

1. Area Model

2. Partial Product

Name:	Period:	Date:

Multiplying Multi-Digit Whole Numbers

Exit Quiz

Math 5

3. Standard Algorithm

Part 2: Solve the problem below.

Sam owns in a furniture shop. He was able to sell 1 539 wooden chairs sold at \$83, in one month. How much did he earn with the chairs he sold for that month?

Name: ______ Period: _____ Date: _____

Multiplying Multi-Digit Whole Numbers

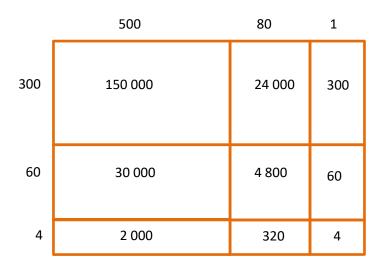
Exit Quiz

Math 5

Answers:

Part 1: Find the product of 581 and 364 using the given strategy.

1. Area Model



$$182\ 000\ +\ 29\ 120\ +\ 364\ =\ 211\ 484$$

2. Partial Product

$$581 \times 364 = (500 + 80 + 1) \times (300 + 60 + 4)$$

500 × 300 = 150 000	150 000
500 x 60 = 30 000	30 000
500 x 4 = 2 000	2 000
80 x 300 = 24 000	24 000
80 x 60 = 4 800	4 800
80 x 4 = 320	320
1 × 300 = 300	300
$1 \times 60 = 60$	60
$1 \times 4 = 4$	+ 4
	<mark>211 484</mark>

Multiplying Multi-Digit Whole Numbers

Exit Quiz

Math 5

3. Standard Algorithm

Part 2: Solve the problem below.

Sam owns in a furniture shop. He was able to sell 1 539 wooden chairs sold at \$83, in one month. How much did he earn with the chairs he sold for that month?

Solution:

$$\begin{array}{r}
1539 \\
\times 83 \\
\hline
4617 \\
+ 12312 \\
\hline
127737
\end{array}$$

Sam earned \$127, 737.