

<u>Cornell Notes</u>	Name: _____
Topic: <b>Multiplying Decimals Lesson 2.5</b>	Date: _____
	Period: _____

Essential Question: **How can you multiply decimals?**

<b>Questions/Main Ideas:</b>	<b>Notes:</b>
	<b>Multiply Decimals by Whole Numbers</b>
	<b>Steps</b>
	1. Write the problem
	2. Multiply through and get an answer
	3. Count how many numbers are behind decimals
	4. In the answer, count from right to left the amount of numbers you counted behind the decimal.
	5. Place the decimal in front of the number
	<b>Ex. 1: 6 x 3.91</b>
<b>Step 1:</b>	3.91
	<u>x 6</u>
<b>Step 2:</b>	3.91
	<u>x 6</u>
	2346
<b>Step 3:</b>	3.91 (Count the how many numbers are behind the
	<u>x 6</u> decimals)
	2346
<b>Step 4:</b>	3.91
	<u>x 6</u>
	2346 ← In the answer, count from right to left the amount of numbers you counted behind the decimal. (2 #'s)
<b>Step 5:</b>	3.91
	<u>x 6</u>
	23.46

	<b>Ex. 2: 4.8 x 7.2</b>
<b>Step 1:</b>	4.8
	<u>x 7.2</u>
<b>Step 2:</b>	4.8
	<u>x 7.2</u>
	96
	<u>+3360</u>
	3456
<b>Step 3:</b>	4.8 (Count the how many numbers are behind the decimals)
	<u>x 7.2</u>
	96
	<u>+3360</u>
	3456
<b>Step 4:</b>	4.8
	<u>x 7.2</u>
	96
	<u>+3360</u>
	3456 ← In the answer, count from right to left the amount of numbers you counted behind the decimal. (2 #'s)
	4.8
	<u>x 7.2</u>
	96
	<u>+3360</u>
	34.56
<b>Summary: Students should write a summary reflecting the above essential question.</b>	