### **Notes and Handouts**

Name: \_\_\_\_\_

Unit 1 Whole and Decimal Number Operations

Math6

Period:

## **Dividing Decimals by Decimals**



**Terms:** Dividend-A number being divided by another number Divisor - A number that another number is being divided by Quotient - The result of dividing one number by another number



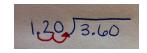
**Objective:** I will accurately divide a decimal number by a decimal number.

**Explanation/Rationale:** Michelle purchases several bottles of water. Before tax is added, the total cost is \$3.60 and the cost of each bottle is \$1.20. How many bottles did she buy?



#### **Steps**:

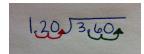
1. Move the decimal point in the divisor to the <u>right</u> to create a whole number.



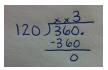
2. Count the number of places you moved the decimal point.

2

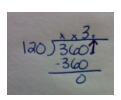
3. Move the decimal point in the dividend to the right the same number of places as in the divisor (your answer in #2).



4. Divide the numbers - annex zeros if necessary.



5. Place a decimal point in the quotient directly above the newly moved decimal point in the dividend.



# Notes and Handouts Name:

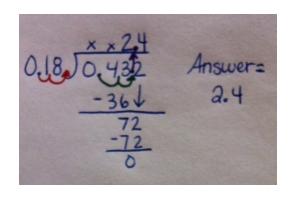
Unit 1 Whole and Decimal Number Operations

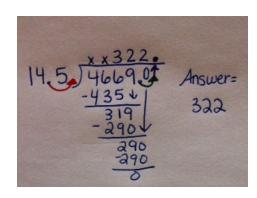
Math6

Period: \_\_\_\_



### **Examples**:







### **YOU GOT THIS:**