Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Table #: \_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_ Date: \_\_\_\_\_\_\_

**2.4B Dividing Decimals\_Classwork**

*Objective: Students will be able to multiply and divide decimals; apply real-life application CCSS.7.NS.1d*

*HW: worksheet 2.4B HW*

|  |  |  |  |
| --- | --- | --- | --- |
| **WARM-UP**Solve

|  |  |  |
| --- | --- | --- |
| 1. $1.35--2.451=$
 | 1. $56.23-35.1=$
 | 1. $\left(2.1\right)\left(1.03\right)=$
 |

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| **DIVIDING RATIONAL NUMBERS—DECIMALS*** Move the decimal point in the divisor (the number outside the box) to the right to make it a whole number.
* Move the decimal point in the dividend (the number inside the box) to the right the same number of places.
* Divide as you would with whole numbers.
* Move the decimal point into the quotient (your answer) directly above the decimal point you moved in the dividend.

Image result for divisor dividend quotient Image result for divisor dividend quotientRelated image |
| **Practice Problems**

|  |  |  |
| --- | --- | --- |
| 1. $5.76÷1.6$
 | 1. $\frac{8}{0.5}$
 | 1. $71.5÷25$
 |

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| **Word Problems for Dividing Decimals**

|  |  |
| --- | --- |
| 1. What is the quotient of 34.6 divided by 2?
 | 1. The Henry family drove 276.5 miles on the family vacation. They used 10 gallons of gas. How many miles per gallon of gas did they get to the trip?
 |
| 1. Jason spend $10.00 for school lunches. If each lunch is $2.50, how many lunches did he buy?
 | 1. Mrs Cao bought 1.5 pounds of ground beef from Kroger. The total of the purchase was $6.75. What was the price per pound?
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