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

**2.4A Multiplying 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**

|  |  |  |
| --- | --- | --- |
| 1. $Is 8 equal 8.0?Why?$
 | 1. $Is 4 equal \frac{4}{1}?Why?$
 | 1. $Evaluate-2^{2}-2.5$
 |

 |

|  |
| --- |
| **MULTIPLYING RATIONAL NUMBERS—DECIMALS*** Line up your numbers with the last digits under each other.
* Multiply as you would with whole numbers.
* Add the decimal places in each of the numbers being multiplied.
* Move the decimal point to the left the TOTAL number of places in the numbers being multiplied.
 |
| **Practice Problems**

|  |  |  |
| --- | --- | --- |
| 1. $0.23∙6.1$
 | 1. $5.24(2)$
 | 1. $(0.6)(1.03)$
 |

 |
| **Word Problems for Multiplying Decimals**

|  |  |
| --- | --- |
| 1. What is the product of 1.5 and 2.54?
 | 1. The ticket costs $7.25 for each member of the club to attend the history museum. If 90 members went to the museum, how much would the total cost be?
 |

 |

**YOU TRY**

|  |  |
| --- | --- |
| 1. SDSU has about 20,000 students. UCSD has 1.2 as many students. How many students does UCSD have?
 | 1. The measurement of Sally’s wall is 9.5 feet by 7.25 feet. What is the area of her wall?
 |
| 1. What is the product of 0.65 x 0.5?
 | 1. Howard bought 16 pounds of hamburger for the barbeque. Each pound cost $2.30. How much did Howard spend in total on the hamburger?
 |
| 1. Mary bought 4 magazines that cost $3.75 each. How many did Mary spend on the magazines?
 | 1. Kelly bought ribbon to make medals for the soccer team. The ribbon cost $0.67 per foot and she bought 15 feet. How much did she pay for the ribbons?
 |