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**   |  |  |  | | --- | --- | --- | |  |  |  | |

|  |
| --- |
| **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**   |  |  |  | | --- | --- | --- | |  |  |  | |
| **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? |