**Number Sense** **Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Multiplying Decimal Numbers** **Period: \_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

***Directions:*** *Solve the problems without using a calculator. Show your work.*

**Examples**

|  |  |  |
| --- | --- | --- |
| When multiplying decimal numbers using the standard method, line them up and multiply them just as you would integers.  When done, the product (answer) will have the same number of total decimal places as the factors in the problem. | 18 x -2.5 | -2.6 x -7.09 |

**Practice Problems**

|  |  |
| --- | --- |
| **1)** 0.12 x 2.6 | **2)** -0.16 x 0.24 |
| **3)** -20 x -0.32 | **4)** 1.7 x -3.1 |

|  |  |
| --- | --- |
| **5)** 1.9 x 2.5 | **6)** -2.1 x 2.8 |
| **7)** -2.2 x -30 | **8)** -1.5 x 27 |
| **9)** 13 x -2.3 | **10)** -3.4 x -0.44 |