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

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

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

**Examples**

|  |  |  |
| --- | --- | --- |
| Set up the division problem to do long division.  Move the decimal point in the **divisor** (the number you are dividing by) to the right so the divisor becomes a whole number.  Move the decimal point in the **dividend** (the number you are dividing) to the right the same number of places as you do the divisor.  The decimal point in the **quotient** (the answer to the division problem) will be just above where the decimal is in the dividend. | -0.84 ÷ (-0.4) | -102 ÷ 0.6 |

**Practice Problems**

|  |  |
| --- | --- |
| **1)** 10.8 ÷ (-0.9) | **2)** 0.56 ÷ 0.8 |
| **3)** -0.112 ÷ (-8) | **4)** -45 ÷ 0.3 |

|  |  |
| --- | --- |
| **5)** 0.88 ÷ 4 | **6)** 0.26 ÷ (-0.2) |
| **7)** -2.7 ÷ (-0.03) | **8)** 16.4 ÷ 0.04 |
| **9)** -0.224 ÷ 0.07 | **10)** 3.24 ÷ (-0.06) |