**TRS 82 Day 5 Homework**

**Thinking Ahead about Rounding:**

Round each number to the place that is indicated:

|  |  |  |
| --- | --- | --- |
| 1. Hundredths: 105.863

 *105.86* | 1. Hundreds: 384.627

*400* | 1. Ones: 52.49

*52* |
| 1. Tenths: 0.89

*0.9* | 1. Tenths: 2.98

*3.0* | 1. Thousands: 4,476

*4,000* |

What place value would it make sense to round to in the following situations? (Note: In some cases, more than one answer may be acceptable.)

1. Measuring the average number of people in a Fort Lewis class.

*Hundreds*

1. Measuring the number of people in the United States.

*Millions*

1. Measuring the amount of gallons of gas you buy at a gas pump.

*Ones*

1. Measuring the distance you walked in miles.

*Tenths*

**Thinking Back**

Fill in the blanks with the appropriate vocabulary from previous lessons.

1. *6* is a *\_\_\_\_factor\_\_\_\_\_\_* of *24* and  *18* is a \_\_\_\_\_*multiple*\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of *9*.
2. *13x* and -*14y* are \_\_\_\_*terms*\_\_\_\_\_\_\_\_\_\_ of the expression *13x – 14y*.
3. In the expression *43,* *4*  is the \_\_\_*base*\_\_\_\_\_\_\_ and *3*  is the \_\_\_\_*exponent* \_\_\_\_\_\_. This expression could be written in expanded notation as \_\_*4\*4\*4*\_\_\_\_\_\_\_\_\_\_\_\_\_.

Write $\frac{23}{3}$ as a…

1. Mixed number 
2. A decimal rounded to the nearest hundredth 7.67