**TRS 82 Day 4 Homework**

**Thinking Ahead about Fractions** – You should understand these questions fully before the next class.

1. Write “*numerator”* and *“denominator”* in the correct places in the fraction below*.*

*numerator*

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

*denominator*

1. Complete each statement below with the appropriate symbol: > (greater than), < (less than), =. Note: After this assignment, you will be expected to recognize and understand the > and < symbols.
   1. \_\_\_\_\_<\_\_\_\_\_\_\_ 1
   2. \_\_\_\_\_\_\_=\_\_\_\_\_\_ 1
   3. \_\_\_\_\_\_\_\_\_>\_\_\_\_\_ 1
2. Write a fraction that is greater than 1 with a denominator of 6. (*as long as numerator is greater than 6)*
3. Write a fraction that is equal to 1 with a denominator that is a factor of 32. *(as long as numerator and denominator are the same)*
4. Write a fraction this less than 1 with a denominator that is a multiple of 4*. (as long as numerator is less than the denominator)*
5. Explain how you can tell if a fraction is greater than, less than or equal to 1. Use complete sentences and the appropriate vocabulary of numerator and denominator.

*When the numerator is greater than the denominator in magnitude, then the fraction is greater than 1. If the denominator is greater than the numerator, then the fraction is less than 1. If the numerator and denominator have the same factor, then the fraction is equal to 1.*

1. Write the number *4*  as a fraction: 
2. The fraction could be written as …(Circle the best answer.)
3. 12 x 19
4. 19 x 12
5. 19 ÷ 12
6. 12 ÷ 19
7. None of the above.