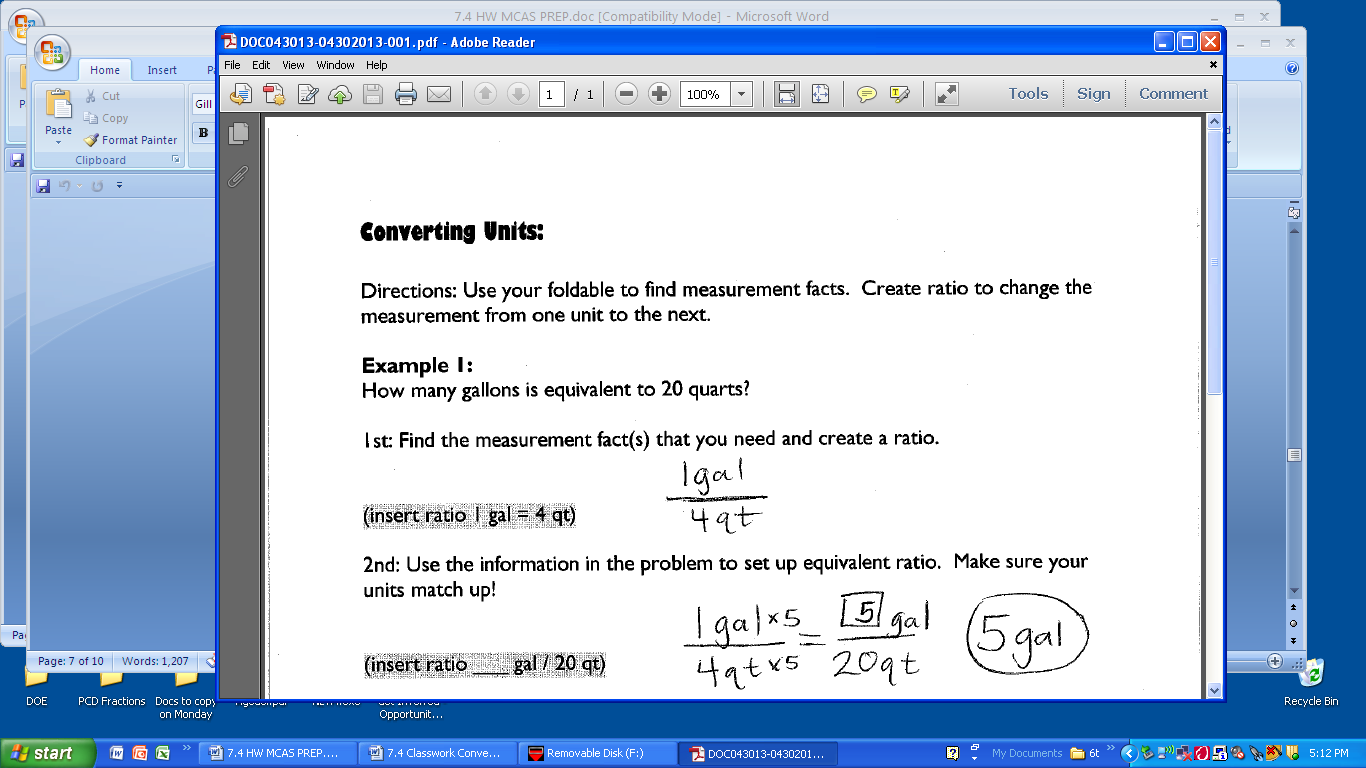
Converting Units:

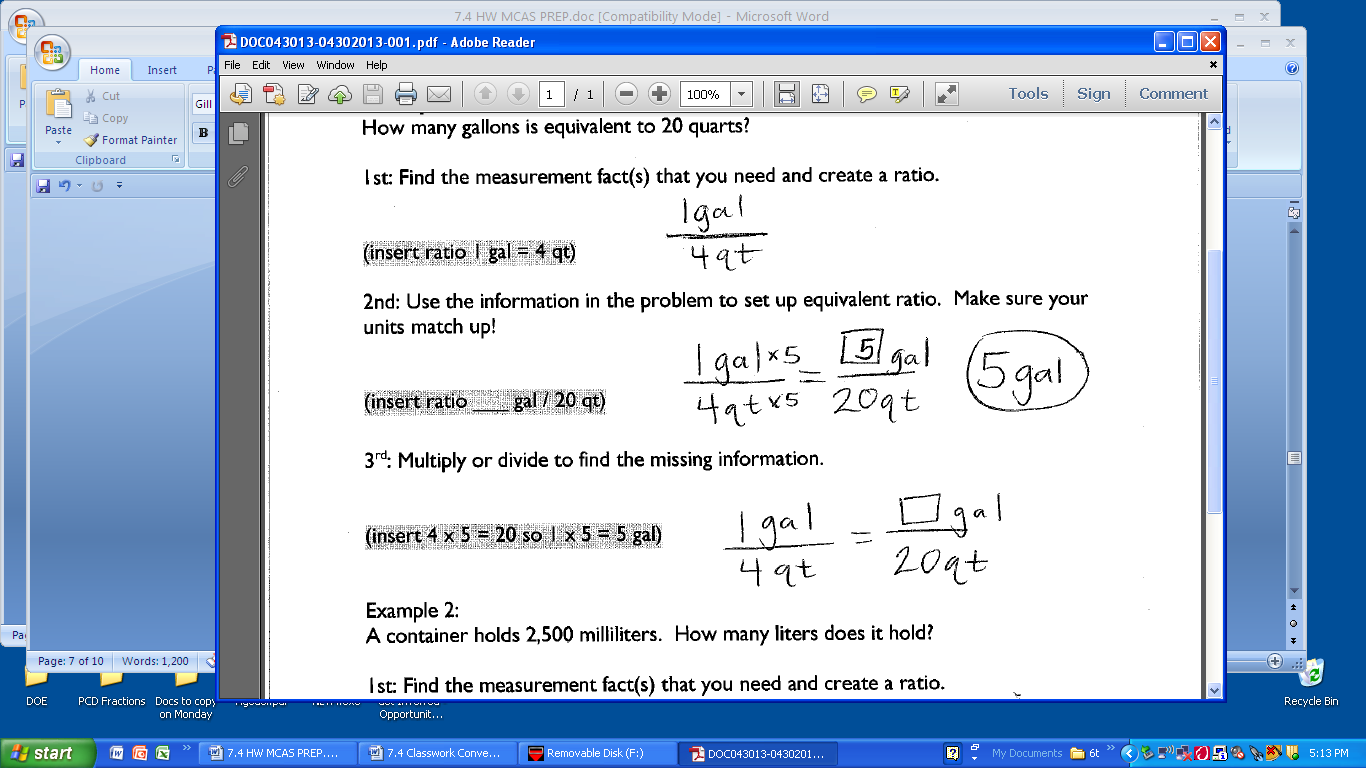
Directions: Use your foldable to find measurement facts. Create ratio to change the measurement from one unit to the next.

**Example 1:**

How many gallons is equivalent to 20 quarts?

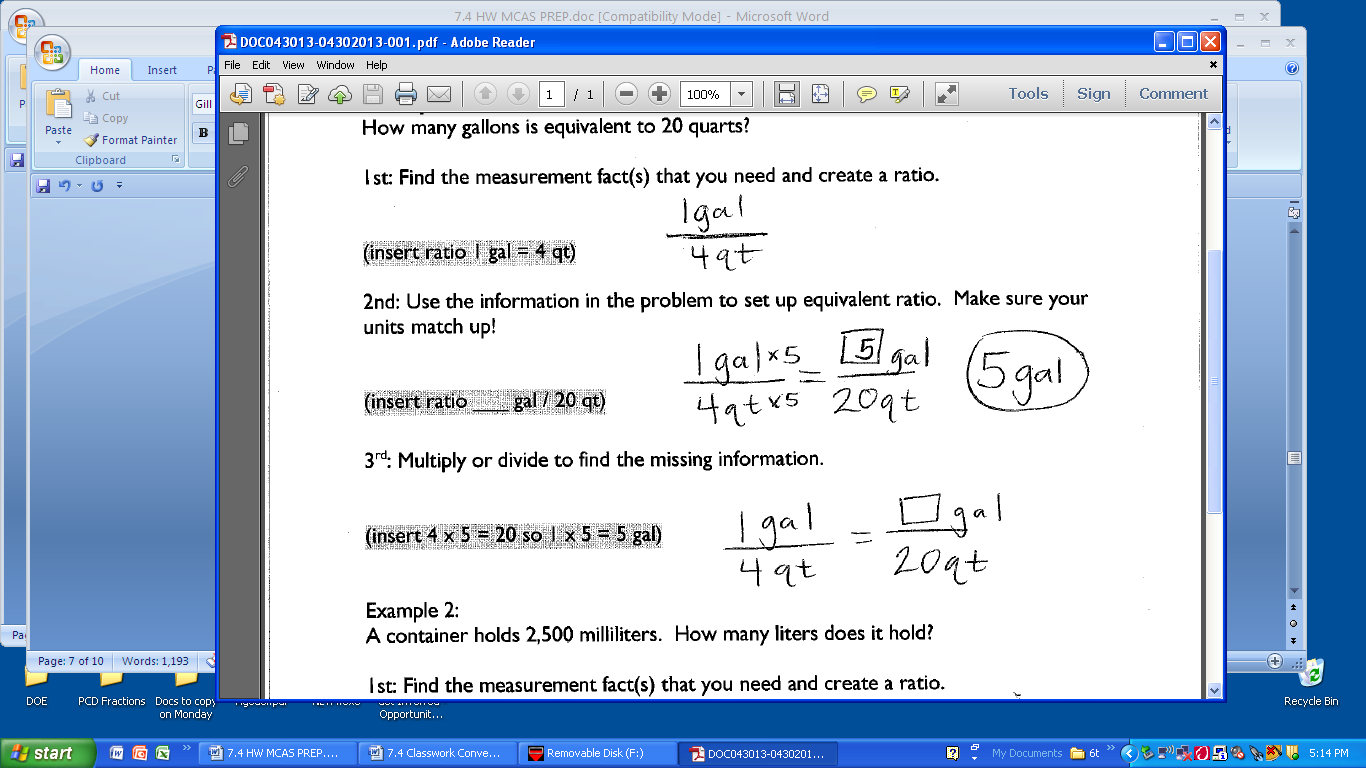


1st: Find the measurement fact(s) that you need and create a ratio.



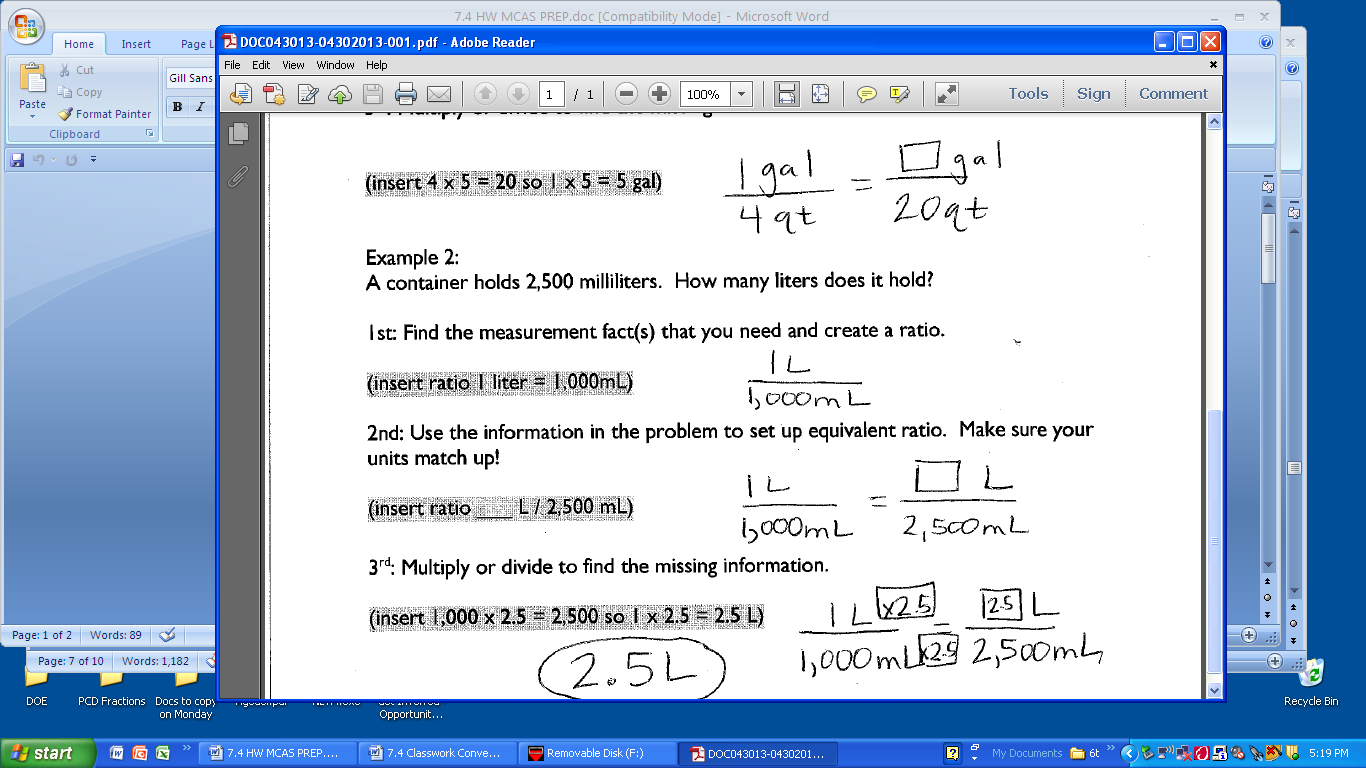
2nd: Use the information in the problem to set up equivalent ratio. Make sure your units match up!

3rd: Multiply or divide to find the missing information.

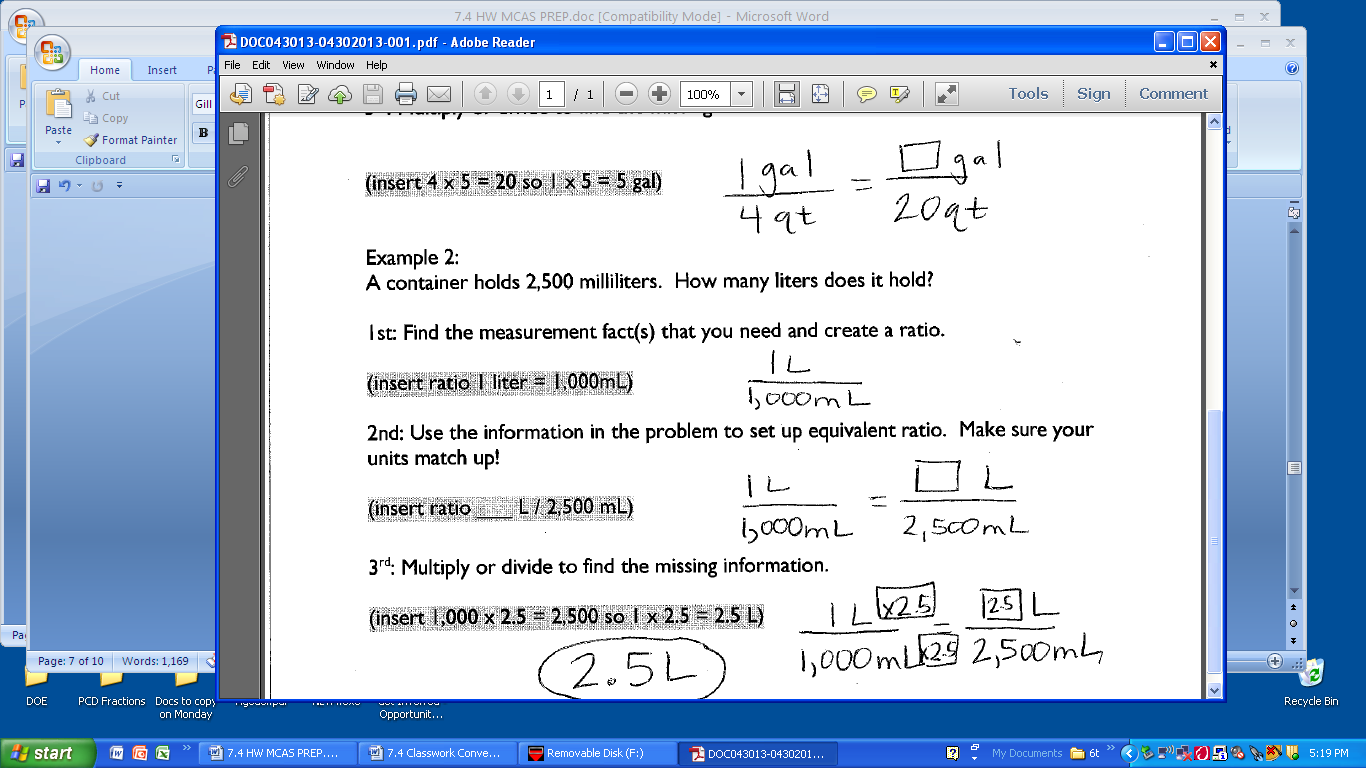


**Example 2:**

A container holds 2,500 milliliters of water. How many liters can the container hold?

1st: Find the measurement fact(s) that you need and create a ratio.

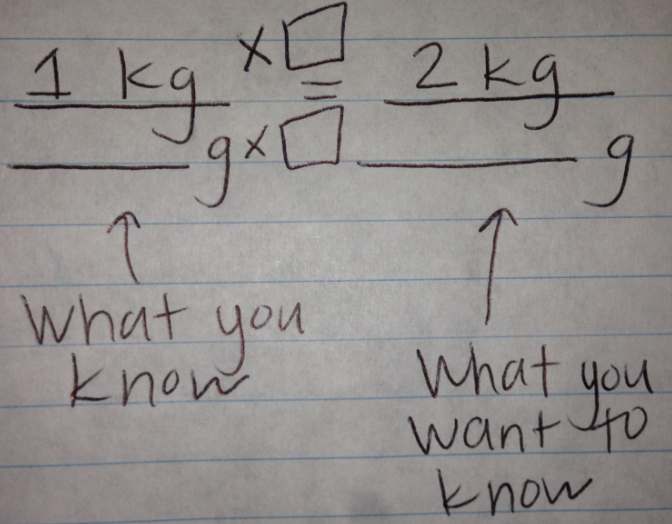
2nd: Use the information in the problem to set up equivalent ratio. Make sure your units match up!



3rd: Multiply or divide to find the missing information.

Practice:

1. How many grams are in 2 kilograms? \_\_\_\_\_\_\_\_\_



1. 9 pints = \_\_\_\_\_\_\_\_\_\_\_ cups
2. How many centimeters are in 90 millimeters?
3. 60 inches = \_\_\_\_\_\_\_\_\_ feet
4. How many meters are in 800 kilometers?
5. 70 inches = \_\_\_\_\_\_\_\_\_\_\_ feet
6. An item weighs 4,500 grams. How many kilograms does it weigh?
7. You need 105 mL of water for an experiment. How many liters of water do you need?