**Lesson 5:**

**Extension Activity:**

You have seen many problems involving formulas in the last several classes. Now it is your turn to write your own math problem for a classmate and myself to solve. After you have written and solved your problem, hand them in and I will copy and distribute to a classmate.

A classmate and I will work your problem and make notes and/or suggestions. Remember to be respectful of other classmate’s work.

Guidelines:

\*Think of an object that is composed of composite figures that you encounter in your everyday life that you would like to know the volume or surface area of (or both).

\*Write a word problem involving the object and what needs to be determined.

\*Be sure to use appropriate mathematical terms.

\*Be sure to label the dimensions, if you use a sketch, of the object and be descriptive with the dimensions when writing in words.

\*Be sure to use realistic dimensions. (They do not have to be exact, but do need to make sense.)

\*Be sure you can solve it! You will need to provide an answer sheet for the problem. You will need to check your classmate’s work and my work!!

\*Be creative! Make your problem challenging!