

## LAB 2 HOMEWORK QUESTIONS

1. Use base ten blocks to model each of the following. For each part:
  - ✓ Describe what you are using for 1 and the values of the other blocks you will use.
  - ✓ Use appropriate terminology.
  - ✓ Use very simple sketches for your models; sketch your work, explain each step and clearly label each diagram.
  - ✓ Explain how your model connects to the standard paper and pencil algorithm.
  - a.  $15,073 + 137 = ?$
  - b.  $15.21 + 5.83 = ?$
  - c.  $123 - 65$
  - d.  $12.34 - 9.62$
2. Use Cuisenaire Rods to show the following multiplication. Describe the set of rods before you start (see the example in the hw guide). Sketch your work, explain each step and clearly label each diagram.  
 $12 \times 6$
3. Review the **Number and Operations Standards**. State an expectation and the standard and grade level the expectation is under that is addressed by using Cuisenaire Rods to model multiplication of whole numbers. Briefly explain how the Cuisenaire model addresses the expectation.