

LAB 3 HOMEWORK QUESTIONS

1. For each part; do each of the following:
 - ✓ Write a simple, short story problem that school children might relate to that would lead to the division setting.
 - ✓ Model finding the solution to the story problem with color tiles.
 - ✓ Sketch your work, explain each step and clearly label each diagram.
 - ✓ To start, declare that 1 color tile = 1 and briefly explain what color tiles are.
 - a. Sharing: $15 \div 3$
 - b. Sharing: $15 \div 2$
 - c. Measurement: $15 \div 3$
 - d. Measurement: $15 \div 2$
2. Model each of the following with linear and area pieces
 - ✓ Carefully describe the length of each linear piece and the corresponding area measurement of the area pieces before you start.
 - ✓ Sketch your work, explain each step and clearly label each diagram.
 - ✓ Use appropriate terminology such as factor and product.
 - a. 4 units x 12 units
 - b. 1.1 units x 1.3 units
3. Review the **Pre – K – 2 Number and Operations Standards Understand Meanings of Operations** ... One expectation refers to equal groupings of objects and sharing equally. In this lab, we used different terminology to describe the two division settings. Explain how our terminology matches the terminology of equal groupings of objects and sharing equally.