Name: _____

Adding Fractions: Builder!

1) In groups, solve the following problems by using the pattern blocks, drawing pictures of the pattern blocks you add.

    a. ½ + 1/6 =

    b. ½ + 2/6 =

    c. 1/6 + ¼ =

    d. 5/6 + 4/9 =

    e. 4/3 + 3/5 =

2) Draw a picture using circles or rectangular regions to add 1/6 + 1/4 (be sure to label the fractions!)

3) Why did you have to find a common part?

4) What method did you use to find a common part?

5) How do you know that the **partitioning** (breaking wholes into smaller parts) you found works?

6) Find 2 strategies to solve each of the following addition problems. Try to look for general strategies as you explore.

     a. $2/3 + 1/9 =$

     b. $1/3 + 2/5 =$

     c. $¾ + 7/10 =$