Applying Operations With Fractions   Name_____

Using Fraction Tiles, Fraction Towers, Circles, or sketches on graph paper to perform the following operations. Before performing the operation answer these four questions:

A. What information do you need to find the answer?
B. What operation will you use to find the answer? Why do you think so?
C. Will the answer be <, >, or = either of the first fraction? How can you tell?
D. What is a good estimate for the answer? How did you decide this?

1. Aaron ate half a candy bar. Then Aron ate two-thirds of a candy bar. How much did he eat?

A.

B.

C.

D.

Sketch your model:

Now, set up and solve the problem.

2. Nancy had two licorice ropes. She gave a fourth of one of the ropes to Margarita. How much did she keep for herself?

A.

B.

C.

D.

Sketch your model:

Now, set up and solve the problem.

3. Three friends are making birthday cards. They have 5 ¼ inches of glitter ribbon to share. How much ribbon will each person get if they split the ribbon equally?

A.

B.

C.

D.

Sketch your model:

Now, set up and solve the problem.

4.   Marco has half a cake left from his party. He will give each of his friends 1/5 of the left over cake. How much of a *whole* cake would each friend get?

A.

B.

C.

D.

Sketch your model:

Now, set up and solve the problem.

5. Make up a fraction problem of your own:

A.

B.

C.

D.

Sketch your model:

Now, set up and solve the problem.