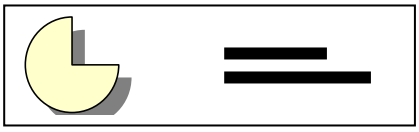
Investigating Operations With Fractions Name_____



Sketch a model for each. Before performing the operation answer these four questions

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

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

Sketch a model:

A. B.

C. D.

Represent the problem using math symbols and find the answer.

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

Sketch a model:

A. B.

C. D.

Represent the problem using math symbols and find the answer.

3. Three friends are making birthday cards. They have 5¼ inches of glitter ribbon to share. How much ribbon will each person get if they split the ribbon equally?

Sketch a model:

A. B.

C. D.

Represent the problem using math symbols and find the answer.

4. Falesiu has half a cake left from her party. She will give each of her friends 1/5 of her left over cake. How much of a whole cake would each friend get?

Sketch a model:

A. B.

C. D.

Represent the problem using math symbols and find the answer.

5. Sam ask his little brothers to help him work in his grandfathers yard. Grandfather gives Sam a Lego set for working. Sam gives his brothers half the Lego set to share between them. What will each brother's share be?

Sketch your model:

A. B.

C. D.

Represent the problem using math symbols and find the answer.

6. Write a fraction problem of your own.

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Sketch your model:

A. B.

C. D.

Represent the problem using math symbols and find the answer.