Fractions Choice Board

Fraction Practice	Writing with Fractions	Modeling (Drawing) Fractions
Want some extra practice with all four fraction operations? "Ribbons and Bows Task" is a great opportunity to practice! Complete the task found on the back table.	Think you can make a great study guide? Here is your chance to write a study guide that your teacher could pass out to students explaining step-by-step how to solve a fraction addition, subtraction (with borrowing), multiplication, and division problem.	Ever wanted to be a math teacher? Write and solve 4 different fraction problems using each of the 4 arithmetic operations. Then draw model for each of your problems that proves that your answer is correct.
Want some extra practice with fractions? Try your luck with the "Farm Fred Task" available in the back of the room. Don't forget to use words, numbers, and pictures to explain your reasoning.	Love our math songs? Write a song using your knowledge of fractions operations. You must include LOTS (language of the Standards) words for this unit. Your song should have at least 3 verses and a chorus.	Ever wanted to be a chef? Use one of the cook books found in the cubbies to examine how chefs use fractions. Choose a recipe and then use fraction models to draw the fractions of each ingredient required if you want to make 2 and a half times as much as the original recipe as well as $\frac{1}{4}$ of the original recipe. Explain your model using words and numbers.
Think you're pretty good with fraction operations? Test your skills with the "Test Your Know How" task.	Have you ever dreamed of being an author? Write a children's book that explains how to solve problems with all four fraction operations.	If drawing the models aren't really your thing, use the "Petunias and Lilies" task to write fractions and fraction operation problems from a blueprint of a garden.

You must choose one activity from each column! Have fun and I can't wait to see your work!

RIBBONS AND BOWS TASK

NAME

_____

Amanda is working on an order for bows. She sells ribbon in yards, or fraction of a yard.

1. Amanda has 14 yards of blue ribbon and each bow takes $\frac{3}{4}$ yards of ribbon. How many blue ribbons can Amanda make? Explain your reasoning using words, pictures, and numbers.

2. Each roll of black ribbon has $3\frac{2}{3}$ yards of ribbon. If Amanda has $4\frac{1}{2}$ rolls of black ribbon, how many yards does Amanda have? Explain your reasoning using words, pictures, and numbers.

3. Each roll of red ribbon has $3\frac{2}{3}$ yards of ribbon, and she has already used $1\frac{7}{8}$ yards of red ribbon. How many yards of red ribbon are left on Amanda's roll? Explain your reasoning using words, pictures, and rational numbers.

4) Amanda has $1\frac{1}{2}$ yards of yellow ribbon and $5\frac{2}{3}$ yards of orange ribbon. How many yards of yellow and orange ribbon does Amanda have altogether? Explain your reasoning using words, pictures, and rational numbers.

Farmer Fred Task

1. Farmer Fred owns $\frac{4}{5}$ of an acre of land. He uses $\frac{1}{3}$ of his land for corn. What fraction of an acre is used for corn? Explain your reasoning using pictures, numbers, and words.

   Of the $\frac{4}{5}$ of an acre that Fred owns, he plants $\frac{1}{2}$ of his land with okra and $\frac{1}{6}$ of his land is used by cabbage. What fraction of an acre is used for okra? What fraction of an acre is used for cabbage? Show your work.

   Okra _____

   Cabbage _____

   What is the total amount of land that Farmer Fred uses for Okra and Cabbage? Explain your reasoning using words, pictures, and numbers.

   Total: _____

   How much more land does Farmer Fred use for Okra compared to Cabbage? Explain your reasoning using words, pictures, and numbers.

   How much more okra: _____

Farmer Fred (continued)...

2.   Draw a plot that represents represents Farmer Fred's land and how he sections it off for corn, okra, and cabbage

Farmer Fred's neighbor, Rancher Randall owns an 8 acre ranch. He uses $\frac{2}{3}$ of his land for cattle. How many acres does Rancher Randall use for cattle? Explain your reasoning

TEST YOUR KNOW HOW TASK   Name _____

Yoselin took the Unit 3 test on fractions. The answers to the first four questions

are shown below.

Unit 3 Test

1) A cat eat 1 ¼ cups of cat food per day. How much food does the cat eat in 6 days?

- **A) 6 ¼**
- B) 7 ½
- C) 7 ¼
- D) $\frac{5}{24}$

2) $4\frac{1}{3} + 1\frac{5}{12} =$

- A) $5\frac{2}{3}$
- B) $5\frac{6}{15}$
- **C) $5\frac{3}{4}$**
- D) $5\frac{1}{2}$

3) $12 \div \frac{1}{3} =$

- A) $\frac{1}{36}$
- **B) 36**
- C) $\frac{1}{4}$
- D) 6

4) There are 5 ½ yards of white ribbon on a spool. $2\frac{11}{12}$ yards are needed for a customer. How many yards will be left on the spool?

- **A) $2\frac{7}{12}$**
- B) $2\frac{5}{12}$
- C) $3\frac{5}{12}$
- D) $3\frac{7}{12}$

1. Tell whether she got each question right or wrong. If she got the question wrong, show the correct math to fit the question. (You may do this on the back of this sheet or on another sheet of paper)

2. On the whole test, Yoselin made an 85%. What fraction of the questions did she get correct? How many questions could there be on the test? Show your work and explain your reasoning.