Fraction exam practice:

- 1. Write a word problem for $\frac{7}{8} \frac{2}{3}$
- 3. Write a word problem for $\frac{3}{4} \times \frac{5}{6}$

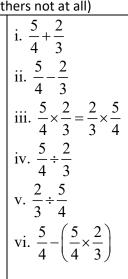
- 2. Write a word problem for $\frac{3}{4} + \frac{5}{6}$
- 4. Write a measurement division word problem for $\frac{7}{8} \div \frac{1}{3}$
- 5. Draw and explain the process of subtracting $\frac{2}{3} \frac{3}{8}$ using fraction circles by matching and trading.
- 6. Draw and explain the process of adding $\frac{5}{6} + \frac{4}{5}$ using fraction squares. Include and explanation of finding equivalent fractions with the same denominator using the visual model *and* use the visual model to explain the multiplication process for the equivalent fractions.
- 7. For the computation: $\frac{3}{4} \times \frac{5}{8}$; tell which factor you are using as the multiplicand (number of units in 1 whole set), and which you are using as the multiplier (number of sets); show how to find the product using a square area diagram; explain how to get the multiplication steps $\frac{3\times5}{4\times6}$ from your diagram.

Suzanne has $3\frac{1}{4}$ oz. of dried marjoram. She is filling bottles with $\frac{2}{5}$ oz. of marjoram each. How many bottles can she fill?

- 9. Decide whether each of these is multiplication or division and write the equation for each:
- a. Janet walked 2/3 of a block. A block is 1/4 of a mile. How many miles did she walk?
- b. Kylie only has 2/3 as much ribbon as she needs for the present she is wrapping. She has 3/4 of a yard of ribbon. How many yards of ribbon does she need for the present?
- c. Mandy has 7/8 of a gallon of milk. She is pouring glasses that each hold 3/16 of a gallon of milk. How many glasses-full does she have?

10. Which equation matches each question (note, some equations may be used twice, and others not at all)

- a. A full box of crackers holds 5/4 lb of crackers. How many lbs of crackers is in 2/3 of a box of crackers?
- b. A full box of crackers holds 5/4 lb of crackers. If my friends eat 2/3 of the box, how many lbs of crackers will be left?
- c. A full box of crackers holds 5/4 lb of crackers. If my friends eat 2/3 lb of crackers, how many lbs of crackers will be left?
- d. A full box of crackers holds 5/4 lb of crackers. If I have 2/3 lbs of crackers, how many boxes is that?
- e. A full box of crackers holds 5/4 lb of crackers. If I have a box of crackers and another 2/3 of a box of crackers, how many lbs of crackers do I have?
- f. A full box of crackers holds 5/4 lb of crackers. If I have a box of crackers and another 2/3 lbs of crackers, how many lbs of crackers do I have?
- g. A blue box of crackers holds 5/4 lb of crackers. A red box of crackers holds 2/3 lbs of crackers. How many more lbs of crackers are in a blue box than a red box.



- 11. Draw diagrams to solve the problem, with each of the number pairs below:
- A box of crackers weighs □ lbs. How much do(es) box(es) of crackers weigh?
- a. \Box =2 and \bigcirc = 3/5
- a. $\square = 3/8$ and $\bigcirc = 3$
- a. \Box = 3/8 and \bigcirc = 3/5