

Fun w/Fractions
September 13, 2010
Chapter 1 - Guided Notes

Vocabulary Bank
Numerator
Denominator
Perimeter

1. What is a fraction?

A fraction (from the Latin, broken) is a number that can represent part of a whole.

2. Write the name of the fraction parts.

numerator
d~~e~~ominator

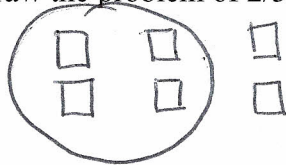
3. What does $2/3$ of 6 actually mean?

a. 6 means total number of items counted.

b. 3 is the total number of groups.
3 is also called the denominator.

c. 2 is the number of groups that we count.
2 is also called the numerator.

d. Draw the problem of $2/3$ of 6:



e. The answer for $2/3$ of 6 = 4

f. In the number sentence, $2/3$ of 6, the word '**of**' means to multiply.

Therefore, $2/3$ of 6 means $2/3$ times 6.

Vocabulary Bank

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4. $\frac{3}{4}$ of 12 = ?

- a. How many total blocks do you start with? 12
- b. How many groups do you make with these blocks? 4
What is the denominator? 4
- c. How many of those groups do you count? 3
What is the numerator? 3

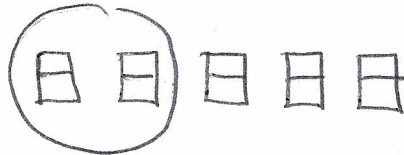
Draw a picture below:



d. $\frac{3}{4} * 12 =$ 9

5. Select 10 blocks. Divide into 5 equal groups. Count 2 of those groups.

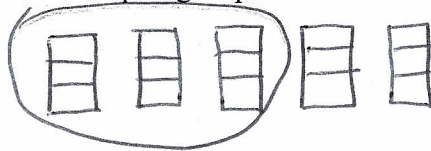
Draw a picture here:



$\frac{2}{5}$ of 10 is 4

6. Select 15 blocks. Divide into 5 equal groups. Count 3 of these groups.

$\frac{3}{5} * 15 =$ 9



- 7.
- $\frac{3}{5} * 20$
- Three-fifths of twenty is
- 12
- .

8. $\frac{2}{5}$ of 10 = 4.

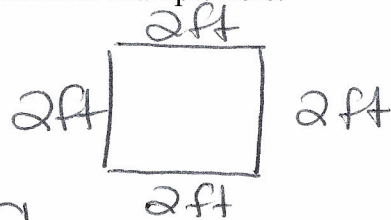
9. Mom bought one dozen eggs. One-fourth of them were broken. How many eggs were broken?

How many eggs total? 12
How many groups? 4
How many groups are counted? 1

$\frac{1}{4}$ of 12 is 3

11. Perimeter = peRIMeter

- a. Perimeter is the distance around a rectangle or square.
b. Draw and label example here.



P = 8ft