Date

AGENDA

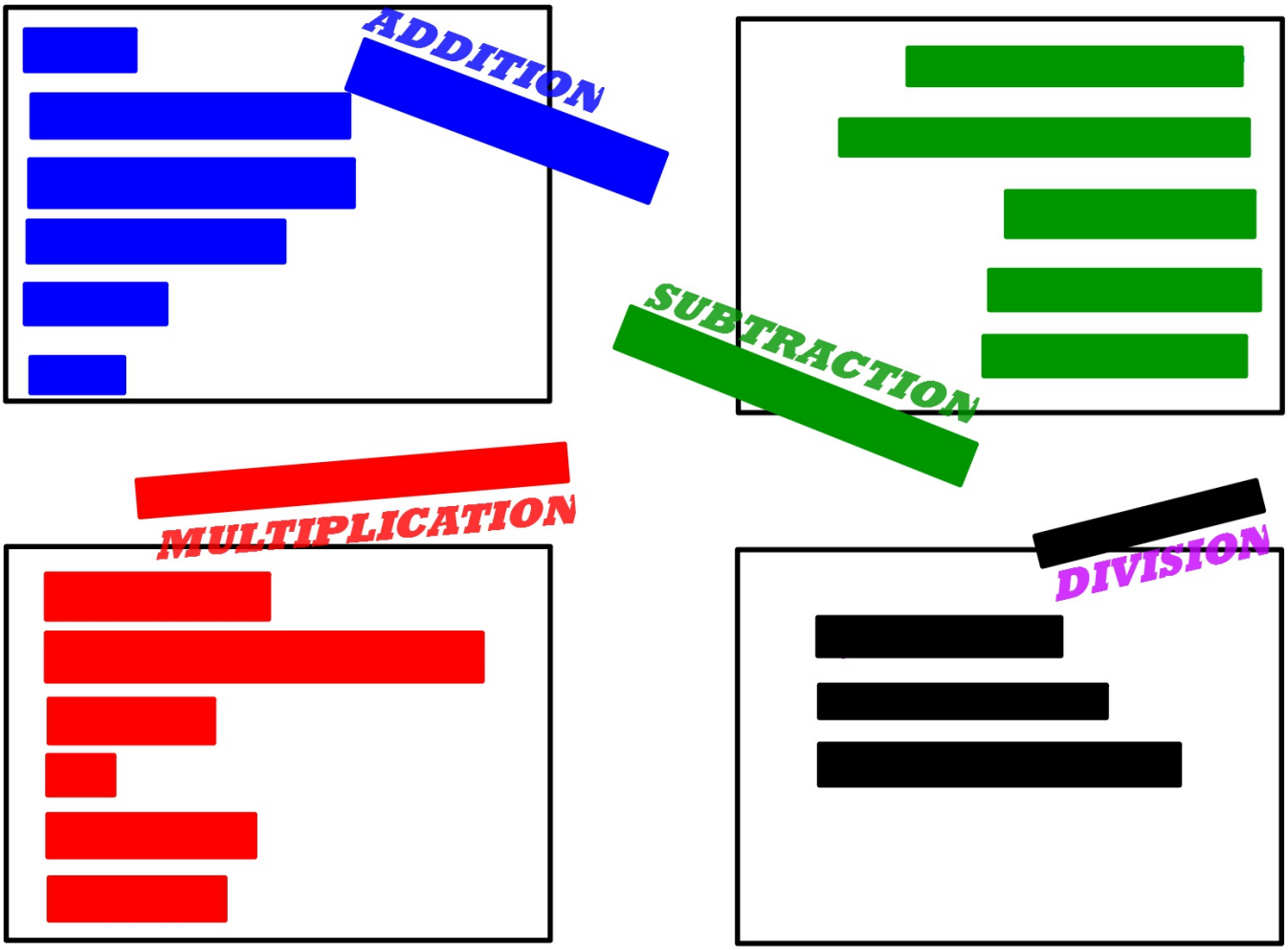
- WARM-UP
- CORNELL NOTES
  Intro to Rational Numbers
- MIXED PROBLEMS

WARM-UP

Page

How would you group the words below?

- **Addition**
- **Decreased by**
- **Increased by**
- **More than**
- **Product**
- **Twice as much as**
- **Total**
- **Difference**
- **Divided by**
- **Triple**
- **Less than**
- **Quotient**
- **Multiplication**
- **Of**
- **Multiply**
- **Division**
- **Times**
- **Take away**
- **Subtract/subtracted fron**
- **Add**
- **Greater than**
- **Split Equally**
- **Sum**
- **Subtraction**
- **Each**


ADDITION
SUBTRACTION
MULTIPLICATION
DIVISION

Classify Numbers	LESSON ESSENTIAL QUESTION: How do we identify rational numbers?	Pg. #
What are the types of numebrs?	Most numbers are Real Numbers They include the following types: ○ natural ○ rational ○ irrational ○ integer	
What do rational numbers include?	intergers, whole numbers, fractions, repeating and terminating decimals, perfect squares	
What do irrational numebrs include?	non-terminating decimals non-perfect squares	

Classify Numbers

LESSON ESSENTIAL QUESTION:
How do we identify rational numbers?

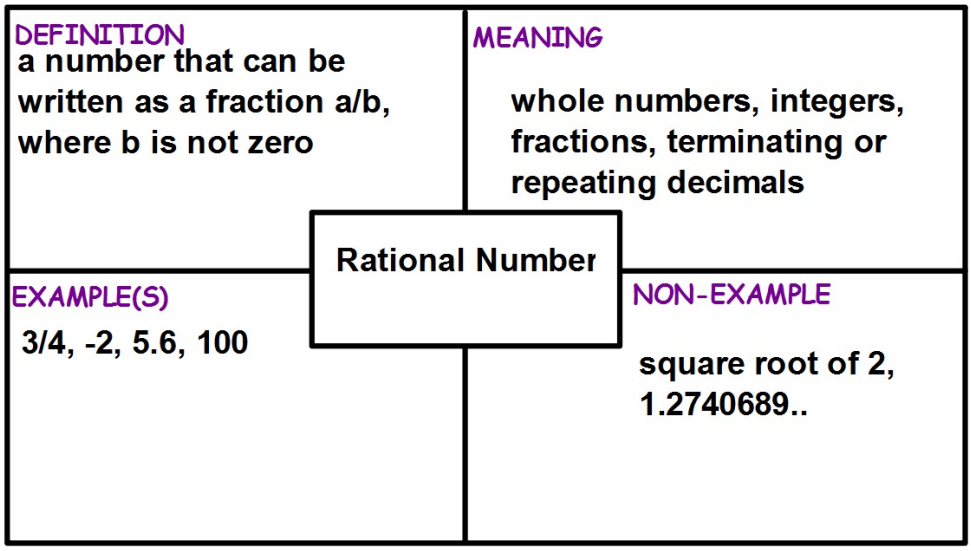
Pg. #

Can I match the numbers with the terms?

VALUE	Example
○ natural	-5
○ rational	3.333...
○ irrational	$\frac{2}{5}$
○ integer	
○ whole number	7.4833147...
○ fraction	square root of 64 $\sqrt{64}$
○ mixed number	18
○ repeating decimal	$1\frac{3}{4}$
○ terminating decimal	square root of 35 $\sqrt{35}$
○ perfect square	9.6
○ non-terminating decimal	
○ non-perfect square	

Classify Numbers	LESSON ESSENTIAL QUESTION: How do we identify rational numbers?	Pg. #
What is a perfect square?	A whole number created from a factor multiplied by itself.	
Ex)	○ 1,4,9,16... ○ Can you list more? ○ What does it represent about the square? [ ] ○ Let's take 9. Think about the actual polygon.	
What is a square root?	One of the factors multiplied to get the square	
	○ What does it represent about the square? [ ]	
	○ Let's take 9. The square root is 3.	
What are the other numbers/shapes?	If they aren't squares, they must be [ ].	

Create a frayer diagram for the most difficult term.



Create a frayer diagram for the most difficult term.