**Created by Mr. Lischwe** 

# Warmup 8/ (The number of letters in "It's FRIDAYYYYYY!!!!")

\*\*\*Please make sure your poster is turned in! Put it in the same spot your class has been leaving it each day.\*\*\*

 On your warmup page, write a few sentences about your experiences doing the poster project. Whether you liked it or not, why, etc.



### Your Warmup Page:

	Week 2 Warmups	
M:		
Т:		
W:		
Th:		
F:		

NOTE I: If you are ever absent, please put "Absent" for that day.That way, I won't mark you off for not having it.

NOTE 2: Each week will be worth 5 points; I point for each day. You must do each problem to get the point.

I will add up all these points and put in your "Warmup score" at the end of the 9 weeks. It will be an 0.25 summative grade.



### 2 volunteers...

- I to collect Week 2 Warmups
- I to collect everyone's purple pattern sheet w/ the rubric on it

## Group evaluations

- On the provided sheet, please give both of your groupmates a score, based on how well they contributed and stayed on task. You must provide reasons, especially if you gave them a rating less than 5!
- **This will be anonymous!** Their "individual contribution" score is a mix of your scores, my own observation, and your work on the back of this page.
- On the back of this page, you must calculate the number of units in step \_\_\_\_\_ using <u>both</u> of your methods. You must show all work. You don't have to draw pictures, but you can.



## Today:

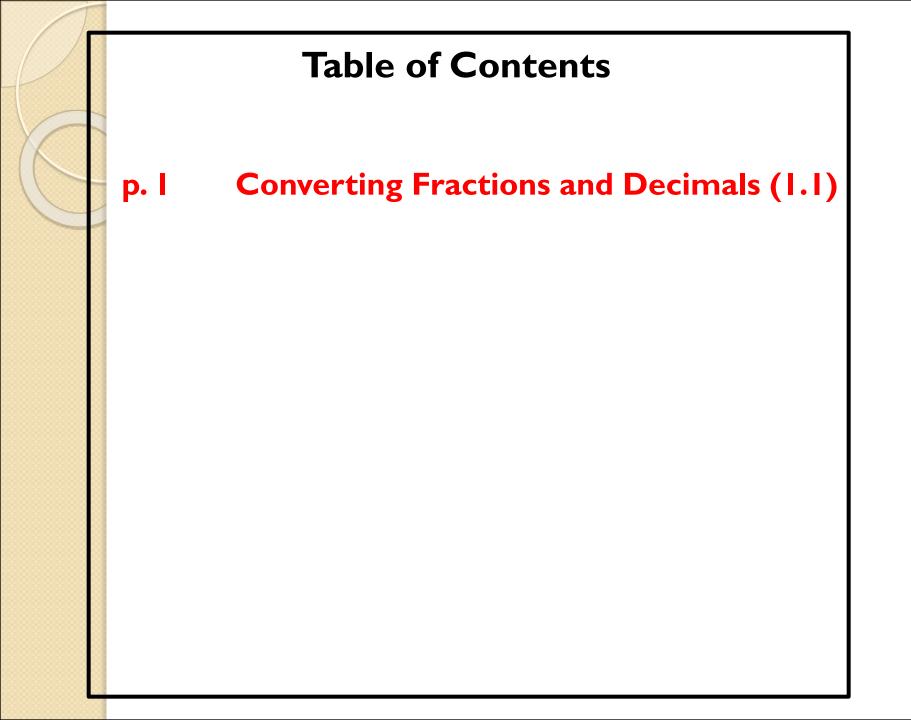
- We are starting Unit I: Rational Numbers
  - Converting Fractions and Decimals
  - Square Roots
  - Difference between Rational & Irrational Numbers

• Our first quiz will be Friday!!!



## Our binder

- The FIRST page of the binder will be your "table of contents"
- This will help you easily find notes & other pages to review
- There may be a couple binder checks this year, so please keep your binder up to date!
- Whenever we take notes, the red is what you are <u>required</u> to write. Everything else is up to you.



#### **Converting Fractions and Decimals**

#### **Objectives:**

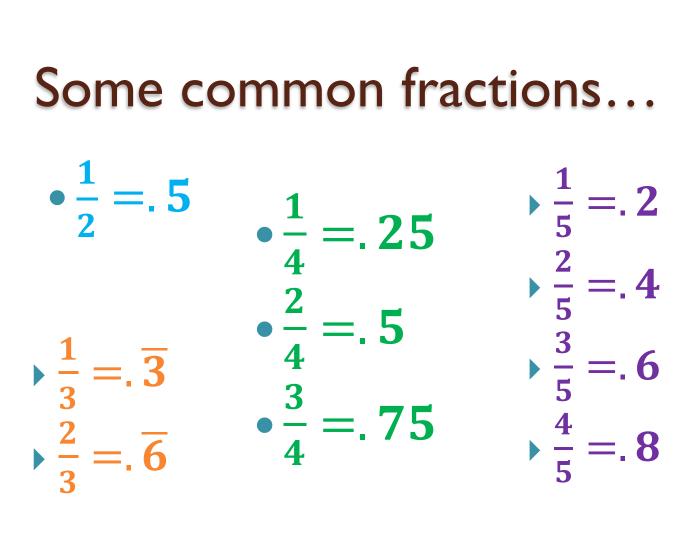
- -Convert fractions to decimals
- -Convert regular decimals to fractions -Convert repeating decimals to fractions

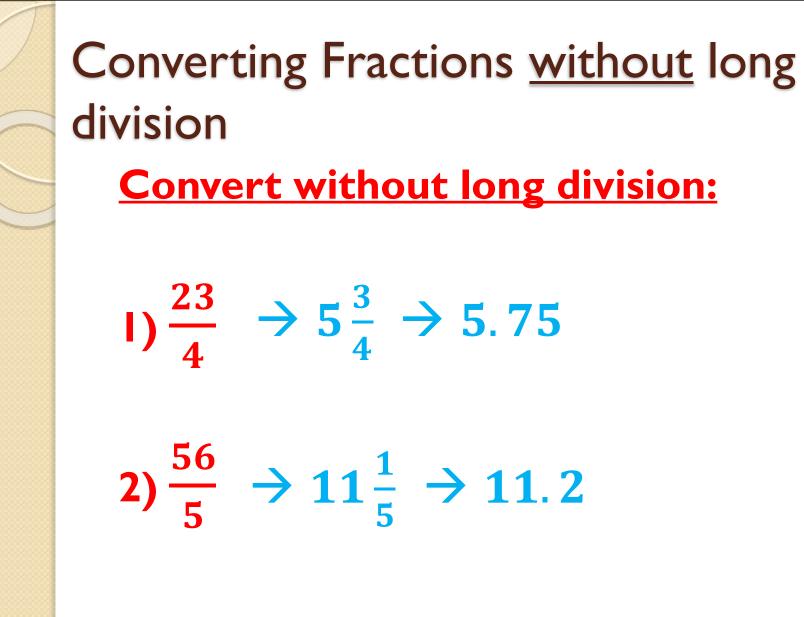


## **Objective I: Fraction to decimal**

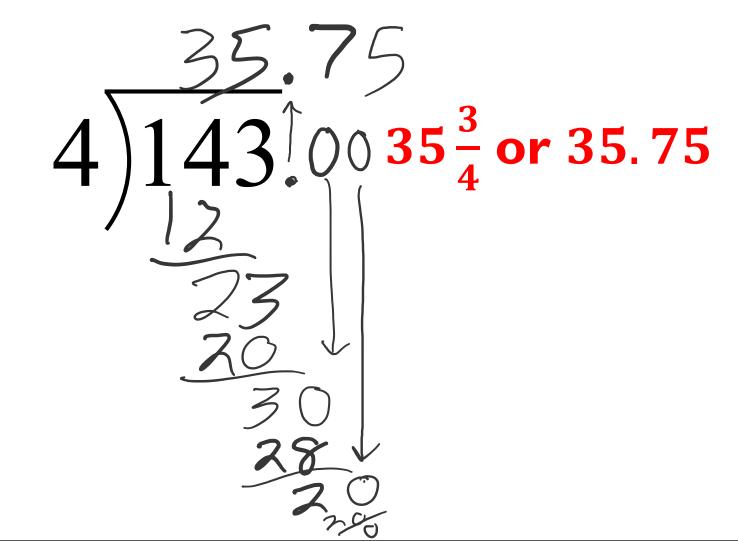
• How can I convert the fraction  $\frac{37}{4}$  into a decimal???

 Many times, you don't have to resort to long division! Converting to a mixed number, then a decimal is often easier.

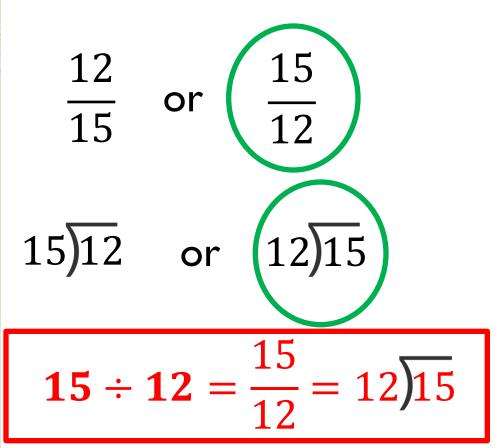




## Do we remember how to do long division???



## Which of these are equivalent to $15 \div 12$ ?



 \*\*\*\*\*\*The numerator goes under the long division sign!!!\*\*\*\*\*\*

### BEST ADVICE I CAN GIVE YOU FOR THIS LESSON

• Think about what a <u>reasonable</u> answer would be!!!

•  $\frac{4}{11} = ?$ 

• If you put the numbers in the wrong places, like so... 4)11

• ...you will get 2.75. You should <u>KNOW</u> that  $\frac{4}{11}$  cannot be 2.75!!!





#### My Estimate



1.  $\frac{1}{9}$ 2.  $\frac{11}{8}$ 3.  $4\frac{1}{6}$ 

4. Early finisher (challenge):  $\frac{16}{7}$ 



1.  $\frac{1}{9}$  = .111111 ... or .1 2.  $\frac{11}{8}$  = 1.375 3.  $4\frac{1}{6}$  = 4.16666 ... or 4.16

4. Early finisher:  $\frac{16}{7} = 2.\overline{285714}$