

Name: _____

Cycle 0 Week 5

Math I Study Guide Rational Numbers

CAN I:

- Write rational numbers as terminating or repeating decimals using long division
- Compare rational numbers on the number line

_____ 1. The following vocabulary terms will be discussed during your course of study this week **terminating decimals**, **repeating decimals**

Example: $\frac{3}{4} \rightarrow 3 \div 4$

$$\begin{array}{r} 4 \overline{) 3.00} \\ \underline{- 28} \\ 20 \\ \underline{- 20} \\ 0 \end{array}$$

$\frac{3}{4} = 0.75$

Week 5 (September 14–19)

Complete the following homework activities (you will also have time to work on these activities during class):

- _____ 2. [Wednesday Night Homework](#): Math Book Pg. 25 Problems 1–23 Odd problems bring to class on Monday.
- _____ 3. [Thursday Night Homework](#): Khan Academy Converting Fractions to decimals AND Converting decimals to fractions 1

Complete the following in class:

- _____ 1. Math Journal Entries
- _____ 2. Vocabulary
- _____ 3. In Class Activities

Please turn in all work on dates listed. Anything not turned in on date listed gets half credit. Anything not turned in gets no credit.