

Name: \_\_\_\_\_

Cycle 0 Week 5

## Math II Review Study Guide Rational Numbers

CAN I:

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

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

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

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

\_\_\_\_\_ 1. The following vocabulary terms will be discussed during your course of study this week **terminating decimals, repeating decimals, irrational numbers, approximate**

### Week 5 (September 14–19)

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

- \_\_\_\_\_ 2. Tuesday Night Homework: Math Book Pg. 25 Problems 1–23 Odd **problems** bring to class on Monday.
- \_\_\_\_\_ 3. Wednesday Night Homework: Khan Academy Converting Fractions to decimals AND Converting decimals to fractions 1
- \_\_\_\_\_ 4. Thursday Night Homework: Math Book Pg. 33 Problems 1–18 Even **problems**

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.**