Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Sect \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

RATIONAL NUMBERS AND OPERATIONS REVIEW

A rational number is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

A fraction is considered “Relatively Prime” if \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Simplify:

Convert to decimal: (Indicate repeating decimals when applicable. Round off to nearest 1000th when necessary)

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 2 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Convert to fractions:

.85 \_\_\_\_\_\_\_\_\_\_\_\_\_\_ .64 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

8.4375 \_\_\_\_\_\_\_\_\_\_\_\_\_ 3.375 \_\_\_\_\_\_\_\_\_\_\_\_\_\_

Compare the following values: (˂, ˃, or =)

\_\_\_\_\_\_\_\_\_\_\_\_ 3.65 \_\_\_\_\_\_\_\_\_\_\_ 3

\_\_\_\_\_\_\_\_\_\_\_ .74 \_\_\_\_\_\_\_\_\_\_\_

Solve:

Solve the following problems. Write the answers in simplest form:

2.625 ÷ = \_\_\_\_\_\_\_\_\_\_\_\_ Donnie Baseball has a .294 batting average. His teammate, Tony Knuckleball has a batting average that is of Donnie’s. What is Tony’s batting average?