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

**Quiz Review**

*Compare using <, >, or =.*

1. -2 \_\_\_\_ 4
2. -3 \_\_\_\_ -6

*Find the absolute value of the following numbers.*

1. |25|= \_\_\_\_\_\_
2. |-8|=\_\_\_\_\_\_

*Give the opposite of each number.*

1. 45
2. -12
3. -6
4. 0

*Classify the following into as many categories as possible – Rational, Irrational, Integer, Whole, Natural*

1. -4.5
2. 8

*RATIONAL numbers CAN be: (Circle all that apply)*

Written as percents

Written as non- terminating decimals

Whole numbers

π

Written as fractions

Written as terminating decimals

Written as repeating decimals

Simplified square roots

Written as ratios

Zero

Written as non-repeating decimals

Perfect squares

*How can we classify zero?*

*Convert the following fractions into decimals.*

1. =
2. 1 =
3. – =

*Convert the following decimals into fractions.*

1. 6.23 =
2. 0.025=
3. -0. 7 =

*Solve the following.*

1. –(|24|+|-2|)=
2. –(-3) + 2 =

*Compare using <, >, or =.*

1. 5/8 \_\_\_ .625
2. -1/2 \_\_\_\_\_ -0.375

*Order from least to greatest.*

1. - , -0. 2 , - 1
2. Keshaun is running for SGA president. To win the election he must have of the student population’s vote. He already knows that of the student body is voting for him. What fraction of the student body does he need?

*Simplify.*

1. √49
2. – √15
3. √21

*Order from least to greatest.*

1. 6.5, 6 , √16 , , 6.3333…

1. √20 , -2 , , 3.9, 3