Rational and Irrational Numbers

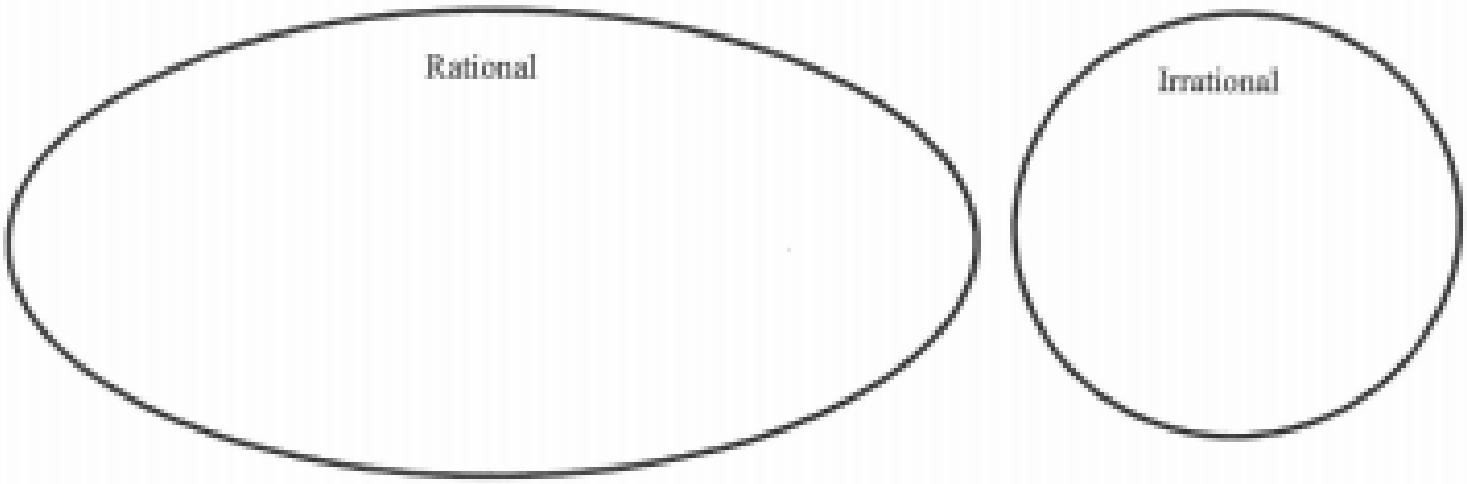
Name _____

Independent Practice

1. Sort the numbers into 2 groups, rational or irrational. Write the numbers in the appropriate bubble.

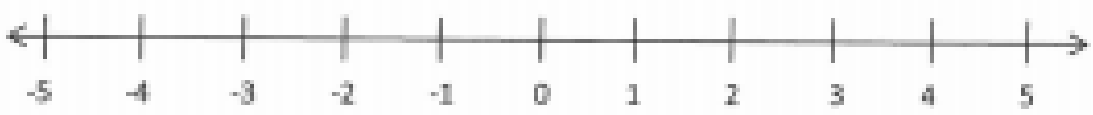
0.8 $\sqrt{64}$ 0 $\sqrt{32}$ -19 $-\sqrt{100}$ 2.343443444…

$\frac{3}{7}$ $\sqrt{75}$ $6\frac{2}{7}$ $12.6\overline{7}$ $\sqrt{121}$ $\frac{12}{5}$ π



2. Graph AT LEAST FIVE rational number and label each number on the number line below. You may label the number with the letter.

A 0.75
B $\sqrt{3}$
C $\sqrt{9}$
D $-2\frac{1}{2}$
E $-\frac{15}{10}$
F $2.\overline{6}$
G $-\sqrt{2}$
H π



Color by Classification

Name: _____

Color the numbers according to the following key:

Whole Number, Integer, and Rational Number –Green (Positive whole values)

Integer and Rational Number– Blue (Negative whole values)

Rational Number only— Purple (Decimals that stop or repeat)