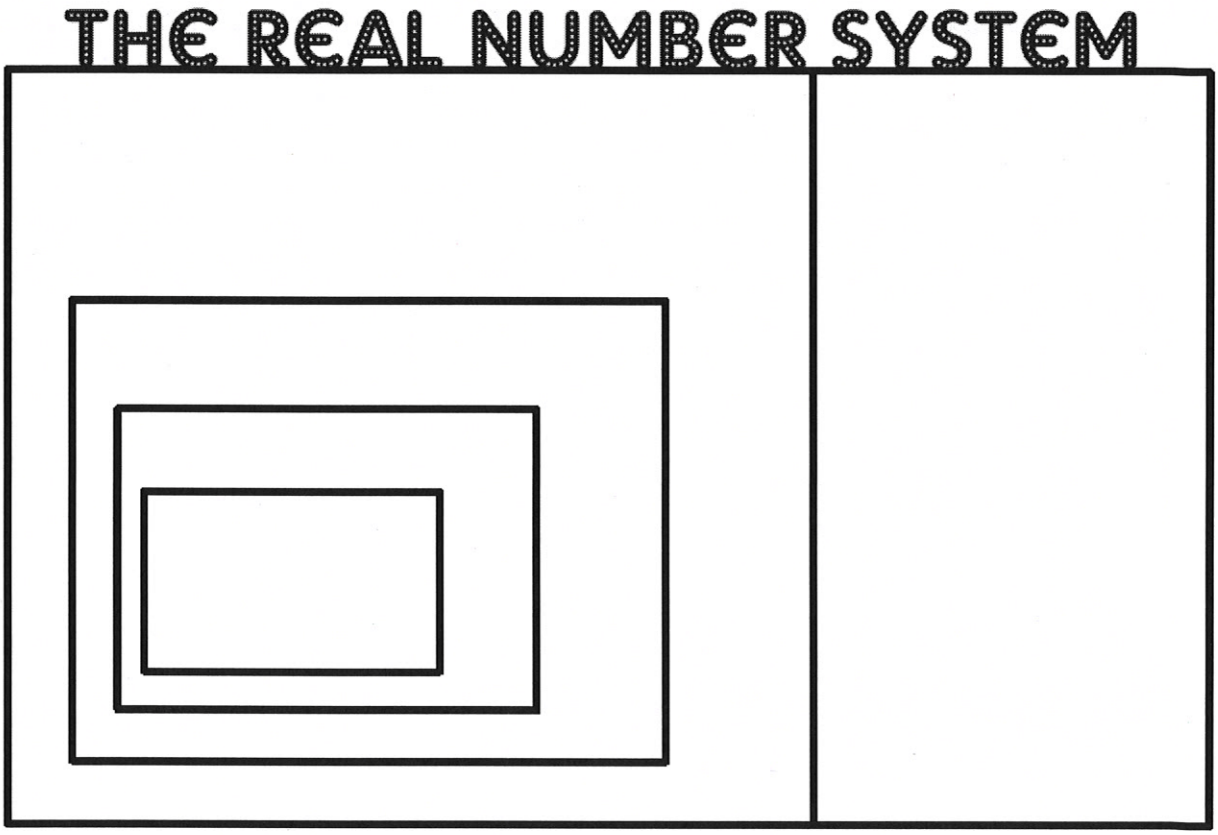
Math 9
Lesson 2-1-0: *The Real Number System*

Name _____
Date _____

Notes:



Natural Numbers $\mathbb{N}$	Whole Numbers W
Integers $\mathbb{Z}$	Rational Numbers $\mathbb{Q}$
Irrational Numbers $\overline{\mathbb{Q}}$	Real Numbers $\mathbb{R}$

Note: Q is for quotient - which is how rational numbers are identified. Z is for Zahlen - the German word for integers.

Try: Place the following numbers in the graphic organizer above.

$0,\ 4,\ -9,\ \frac{-5}{3},\ \sqrt{4},\ -\frac{14}{7},\ \sqrt{17},\ -.\overline{4},\ \pi,\ 3^3,\ 2.9,\ \frac{\sqrt{3}}{2},\ .23,\ \sqrt{49},\ -11,\ 117,\ -5\pi+1,\ \frac{1}{9}$

Directions: Check ALL the boxes that apply to each number.

	Natural	Whole	Integer	Rational	Irrational	Real
1. -789						
2. π						
3. $\sqrt{0.36}$						
4. $-\frac{2}{3}$						
5. 0						
6. $4.1439.....$ Doesn't repeat						
7. $\frac{-5}{-5}$						
8. $2\frac{1}{9}$						
9. $1.\overline{48}$						
10. $\sqrt{4}$						

When you are done, compare your answers with the people around you.