

Math 2 – The number system (rational or irrational)  
 Assignment #34

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

Identify the set to which each of the following numbers belongs by making an “X” in the appropriate boxes.

	Number	Natural Numbers	Whole Numbers	Integer	Rational Numbers	Irrational Numbers	Real Numbers
1.	$-\sqrt{17}$						
2.	-2						
3.	$-\frac{9}{37}$						
4.	0						
5.	-6.66						
6.	$-4.\overline{56}$						
7.	3.050050005...						
8.	18						
9.	$\frac{-43}{0}$						
10.	$\pi$						
11.	$\overline{.634}$						
12.	$\sqrt{225}$						
13.	.634						
14.	$\sqrt{\frac{4}{49}}$						
15.	$-\sqrt{64}$						

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	Number	Natural Numbers	Whole Numbers	Integer	Rational Numbers	Irrational Numbers	Real Numbers
16.	$\sqrt{13}$						
17.	-5						
18.	$\frac{2}{3}$						
19.	-.083						
20.	27						
21.	$2.\overline{647}$						
22.	$3.\overline{0505}$						
23.	-198						
24.	$-\frac{1}{2}$						
25.	10						

26. Sort the number 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...
- $\frac{3}{7}$        $\sqrt{75}$        $6\frac{2}{7}$        $12.\overline{67}$        $\sqrt{121}$        $\frac{12}{5}$        $\pi$

