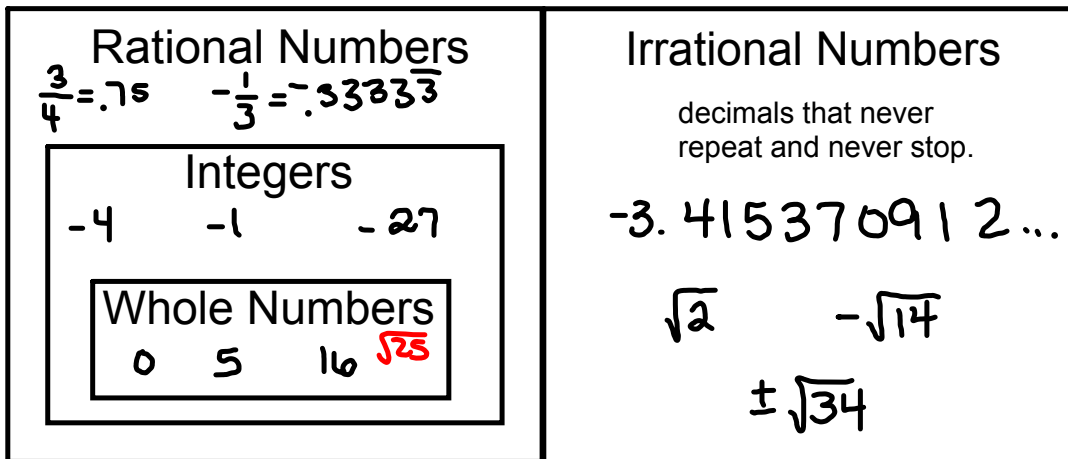


Algebra 2

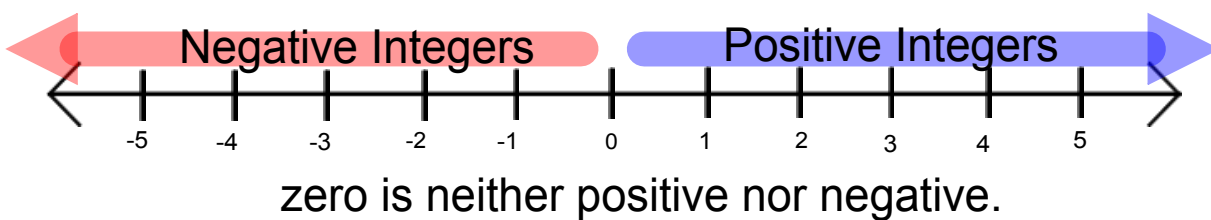
1.2 - Label and Categorize Real Numbers

Real Numbers



Real #'s: any number you can think of.

Rational #'s: numbers that can be written as a fraction.



Classify Numbers

Tell whether the numbers below are real, rational, irrational, integers, or natural numbers.

R Q I Z N

Numbers	Real	Rational	Irrational	Integer	Natural
$-\sqrt{16} = -4$	X	$-\frac{4}{1}$ X		X	
2.5	X	$2\frac{1}{2}$ X			
$\sqrt{18}$	X		X		
-6	X	$-\frac{6}{1}$ X		X	
2.756	X	$2\frac{756}{1000}$ X			
$-\sqrt{24}$	X		X		
$\sqrt{4} = 2$	X	$\frac{2}{1}$ X		X	X

Algebra 2 - Classifying Real Numbers

Name: _____ Date: _____ Hr: _____

Put an x in each box that applies to the number given.

Numbers	Real \mathbb{R}	Rational \mathbb{Q}	Irrational \mathbb{I}	Integer \mathbb{Z}	Natural \mathbb{N}
6					
-3					
13.4					
$-\frac{2}{3}$					
$\sqrt{12}$					
$2\frac{1}{2}$					
0.85					
$-\frac{5}{6}$					
7.654					
4					
$-\sqrt{8}$					
$4.\overline{33}$					
$\sqrt{25}$					
$\frac{9}{2}$					

Algebra 2 - Classifying Real Numbers

Name: Key Date: _____ Hr: _____

Put an x in each box that applies to the number given.

Numbers	Real \mathbb{R}	Rational \mathbb{Q}	Irrational \mathbb{I}	Integer \mathbb{Z}	Natural \mathbb{N}
6	X	X		X	X
-3	X	X		X	
13.4	X	X			
-2/3	X	X			
$\sqrt{12}$	X		X		
$2\frac{1}{2}$	X	X			
0.85	X	X			
-5/6	X	X			
7.654	X	X			
4	X	X		X	X
$-\sqrt{8}$	X		X		
$4.\overline{33}$	X	X			
$\sqrt{25}$	X	X		X	X
9/2	X	X			