Types of Numbers

Whole Numbers	1, 2, 3, 4, . . .
Positive, no decimal points	
Integers	. . . -3, -2, -1, 0, 1, 2, 3, . . .
Positive and negative whole numbers and 0.	
Even Numbers	. . . -6, -4, -2, 0, 2, 4, 6, . . .
End in 0, 2, 4, 6, or 8	
Odd Numbers	. . . -5, -3, -1, 1, 3, 5, . . .
Integers ending in 1, 3, 5, 7, or 9	
Rational Numbers	1, 0.5, 2/3, $0.\overline{123}$
Can be written as a fraction of two integers Either stop or have repeating digits to right of decimal point	
Irrational Numbers	$\pi, \sqrt{2}, 0.121121112 \ldots$
Cannot be written as a fraction of two integers Go on forever to right of decimal point without repeating	