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# THE REAL NUMBER SYSTEM FOLDABLE

Front Cover or Top	Back of Front Cover	Inside	THE REAL NUMBER SYSTEM
Natural Numbers	Counting Numbers	1, 2, 3, 4, 5, 6, 7, 8, 9, ...	
W Whole Numbers	Include counting numbers and zero	0, 1, 2, 3, 4, 5, 6, 7, 8, 9, ...	
I Integers	Include counting numbers, wholes and their opposites	-9, -8, -7, -6, -5, -4, -3, -2, -1, 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, ...	
R Rational Numbers	Include everything above plus fractions, repeating decimals and terminating decimals.	1, -1, $-\frac{1}{2}$ , 0.5 - 0.333..., -0.6	
<u>Irrational</u> Numbers	Are non-rational numbers...decimals that don't repeat and don't terminate...this includes the symbol for pi and non-perfect squares.	$\pi$ , $\sqrt{8}$ , 1.24789434..., $-\sqrt{7}$ , -0.74358734...	

Real

Rational

Irrational

Integer

whole

Natural