

*"A mathematical theory is not to be considered complete until you have made it so clear that you can explain it to the first man whom you meet on the street."*

~David Hilbert

Writer's Name: \_\_\_\_\_

Editor's Name: \_\_\_\_\_

## Real Numbers Writing Assignment

REQUIREMENT	MASTERY 9-10	DEVELOPING 7-8	BASIC 5-6	INCOMPLETE 0-4	COMMENTS
Paper is written in complete sentences, with capital letters, proper punctuation, good grammar, and correct spelling.					
Rough draft and final draft are turned in complete and on time.					
Topic sentence starts the paper and conclusion sentence ends the paper (avoid sentences like, "My paper is about...").					
Paper flows well using transition words, and, if appropriate, use of paragraphs to divide ideas.					
$\sqrt{49}$ is classified correctly as rational or irrational and there is a full explanation of why that number is classified that way.					
$3\pi$ is classified correctly as rational or irrational and there is a full explanation of why that number is classified that way.					
$-\frac{3}{5}$ is classified correctly as rational or irrational and there is a full explanation of why that number is classified that way.					
$\sqrt{35}$ is classified correctly as rational or irrational and there is a full explanation of why that number is classified that way.					
$-8.\bar{3}$ is classified correctly as rational or irrational and there is a full explanation of why that number is classified that way.					
4.12586185... is classified correctly as rational or irrational and there is a full explanation of why that number is classified that way.					