# MATH 241: ANALYSIS IN SEVERAL REAL VARIABLES I QUICK RESPONSE \#1 

## Name:

Problem 1. Compute without proof the supremum and infimum of the set

$$
A=\left\{n /(2 n+1): n \in \mathbb{Z}_{>0}\right\} .
$$

Problem 2. State precisely the nested interval property of the real numbers.

