

Getting to know you Quiz (does not count towards the grade)

NAME: (print!) _____

E-MAIL ADDRESS: (print!) _____

Email to DrZlinear@gmail.com when I tell you to

Subject: pre0

with an attachment: pre0FirstLast.pdf

1.: What are your career goals?

2.: What are your hobbies?

3. What is a rational number?

4. Prove that the sum of two rational numbers is also a rational number,

5. Prove or disprove (by giving a counterexample) : "the sum of two irrational numbers is always also an irrational number"

6. Prove that there are infinitely many primes.

7. Prove that $\sqrt{5}$ is an irrational number.