

NAME: _____ Score _____/10

Please **print** your name

1. Write $[-4, 8]$ with set builder notation.
2. Complete this chain of subsets $N \subset \underline{\hspace{1cm}} \subset \underline{\hspace{1cm}} \subset \underline{\hspace{1cm}} \subset \underline{\hspace{1cm}} \subset C$.
3. The set of Rational Numbers consists of all numbers which _____.
4. The multiplicative inverse of a complex number $a + bi$ is _____.
5. The _____ of an equation consists of all the points, and only those points, whose coordinates are solutions of the equation. **(Solution or solution set will not be accepted this time.)**
6. Two equations are equivalent if _____.
7. The process to solve a linear equation in one variable is to generate a sequence of _____ each _____ to the previous _____ until a simplest _____ is obtained.
8. The formula for the volume of a cone with radius r and height h is _____.
9. The conjugate of the complex number $-2 + 5i$ is _____.
10. Sketch the graph of $(2, 7)$.