

NAME: _____ Score _____/10

Please **print** your name

1. An equation is a **mathematical** statement which contains an = symbol.
2. The **graph** 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.)**
3. Two equations are equivalent if **they have the same solution sets.**
4. If both sides of an equation are multiplied by the same **non-zero real number**, the resulting equation is equivalent to the original equation.
5. The process to solve a linear equation in one variable is to generate a sequence of **equations** each **equivalent** to the previous **equation** until a simplest **equation** is obtained.
6. A formula must be an **equation.**
7. The formula for the volume of a cylinder with radius r and height h is $V = \pi r^2 h$.
8. The conjugate of the complex number $3 - 7i$ is **$3 + 7i$** .
9. The set of **Integers** consists of the Whole Numbers with their opposites adjoined.
10. Sketch the graph of $(-3, 7]$.

