

NAME: \_\_\_\_\_ Score \_\_\_\_\_/10

Please **print** your name

1. T F If both sides of an inequality are multiplied by the same real number, the resulting inequality is equivalent to the original inequality.
2. T F The graph of a linear equation in one variable is a point on the Real Number Line.
3. T F The graph of a linear inequality in two variables is a line.
4. T F The graph of a linear equation in two variables is a line.
5. T F If both sides of an equation are multiplied by an expression the resulting equation is equivalent to the original equation.
6. T F A polynomial is a sum of terms.
7. T F The quotient of two terms is a rational expression.
8. T F Two equations can be equal.
9. T F Every integer is a rational number.
10. T F The solution of the system  $\begin{cases} 3x + 2y = 7 \\ -9x + 5y = 1 \end{cases}$  is a point in the cartesian plane.