

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.