

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

1. A solution of an equation in one variable is a **number** which makes the equation **true** when substituted for the variable.
2. A solution of an inequality in one variable is a **number** which makes the inequality **true** when substituted for the variable.
3. A solution of an equation in two variables is an **ordered pair** of numbers which makes the equation **true** when substituted for the variables.
4. A solution of an inequality in two variables is an **ordered pair** of numbers which makes the inequality **true** when substituted for the variables.
5. A solution of an equation in three variables is an **ordered triple** of numbers which makes the equation **true** when substituted for the variables.
6. A solution of an inequality in three variables is an **ordered triple** of numbers which makes the inequality **true** when substituted for the variables.
7. A solution of a system of equations in  $n$  variables is an ordered  $n$ -tuple of numbers which make each equation in the system **true** when substituted for the variables.
8. A solution of a system of inequalities in  $n$  variables is an ordered  $n$ -tuple of numbers which makes each inequality in the system **true** when substituted for the variables.
9. A solution of a logarithmic equation is a **number** which makes the equation **true** when substituted for the variable.
10. A solution of an exponential equation is a number which makes the equation **true** when substituted for the variable.