

NAME: _____ Score _____/10
Please **print** your name

1. A formula must be an _____.
2. Write the interval $(3, 8]$ in set-builder notation _____.
3. The collection of all solutions of an equation is called the _____ of the equation.
4. Two inequalities are _____ inequalities if they have the same solution sets.
5. The formula for the area of a circle with radius r is: _____.
6. A compound inequality is two inequalities joined by either the conjunction _____ or the conjunction _____.
7. Write the compound compact inequality which is equivalent to $|3x - 8| < 9$. _____
8. The graph of the solution of a system of two linear equations in two variables is the point (or points) of _____ of the two lines.
9. To factor means to write as a _____.
10. The symbol _____ means "is an element of".