

NAME: _____ Score _____/10

Please **print** your name

1. (2 pts.) If both sides of an equation are multiplied by an expression containing a variable, the solution set of the resulting equation _____ the solution set of the original equation.
2. (2 pts.) If both sides of an equation are squared, the solution set of the resulting equation _____ the solution set of the original equation.
3. (6 pts.) Solve the equation $\sqrt{2x + 9} = x + 3$.