QUIZ 11 - MATH 102	F
YOUR NAME:	G

Friday, December 9 George Voutsadakis

Read each problem **very carefully** before starting to solve it. Each problem is worth 5 points. It is necessary to show **all** your work. Correct answers without explanations are worth 0 points. GOOD LUCK!!

1. Solve the equation $x^2 + 6x = 2$.

2. Solve the equation $x - 13\sqrt{x} + 36 = 0$.

3. Graph the function $f(x) = x^2 - 4x - 12$.

4. Solve the quadratic inequality $2x^2 + 5x \ge 3$.