This Pretest is to be completed as preparation for the Unit Test and will be graded as a section of this test.

Collaboration with classmates is permitted, but copying work is considered cheating and will result in a zero.

The use of class notes is not permitted to complete this assignment.

Quadratic Formula:

*x* = 

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
5. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
6. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
7. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
8. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
9. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
10. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
11. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
12. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
13. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
14. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
15. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
16. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
17. *x* = \_\_\_\_\_\_\_\_\_\_\_\_\_\_
18. *x* = \_\_\_\_\_\_\_\_\_\_\_\_\_\_
19. *x* = \_\_\_\_\_\_\_\_\_\_\_\_\_\_
20. *x* = \_\_\_\_\_\_\_\_\_\_\_\_\_\_
21. Fully simplify the radical expression: 
22. Fully simplify the radical expression: 
23. Fully simplify the radical expression: 
24. Fully simplify the radical expression: 
25. Write the complex number in standard form: 
26. Write the complex number in standard form: 
27. Fully simplify the expression: 
28. Fully simplify the expression: 
29. Fully simplify the expression: 
30. Fully simplify the expression: 
31. Fully simplify the expression: 
32. Fully simplify the expression: 
33. Fully simplify the expression: 
34. Fully simplify the expression: 
35. Calculate the inverse of the equation: 
36. Calculate the inverse of the equation: 
37. Solve the equation for all values of *x*: 
38. Solve the equation for all values of *x*: 
39. Solve the equation for all values of *x*: 
40. Solve the equation for all values of *x*: 