Algebra 3 Unit 5 Quiz 1

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Block: \_\_\_\_\_\_\_\_\_\_

*Level 2: Identify the following.*

Standard Form: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
Degree: \_\_\_\_\_\_\_\_  
Number of Solutions: \_\_\_\_\_\_\_\_  
Leading Coefficient: \_\_\_\_\_\_\_\_  
Constant: \_\_\_\_\_\_\_\_  
Y-Intercept: \_\_\_\_\_\_\_\_  
Roots: \_\_\_\_\_\_\_\_  
End Behavior: \_\_\_\_\_\_\_\_

1. Find the Zeros for

x = \_\_\_\_\_\_\_ x = \_\_\_\_\_\_\_ x = \_\_\_\_\_\_\_

*Level 3: Write the following polynomial as its linear factors.*

*Level 4: Find the zeros. Hint: How many will there be?*