The Intricacies of Equations

{x, x, 0, 1, 2, 3, 4, 5, 6, 7, 8, 9}

*Directions: use the listed numbers and variables ONLY once and any operations [as many times as you want…including exponents] in order to create an equation with the desire characteristics.* ***You MUST use ALL of the items in the list for EACH part****.*

1. *Create an equation that would yield ONE SOLUTION. [You must use all of the items in the listed set above.]*

Write equation on this side

1. *Create an equation that would yield NO REAL SOLUTIONS. [You must use all of the items in the listed set above.]*

Write equation on this side

1. *Create an equation that would yield ALL REAL SOLUTIONS. [You must use all of the items in the listed set above.]*

Write equation on this side