## Solving Non-Linear Systems of Equations - Example 2

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\begin{aligned}
& y \leq 1-x^{2} \\
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\end{aligned}
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Like with Linear Systems, to understand any system we want to understand each part first, then how they interact with each.

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$y \leq 1-x^{2}$

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$$
\begin{array}{l|l|l|l|l|l|l|l|l|l|l|l} 
& & & & & \\
\hline
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