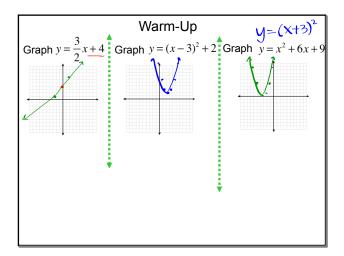
## 10-2

Solving a system of linear and quadratic equations graphically

Objective: I can solve a system of linear and/or quadratic equations graphically



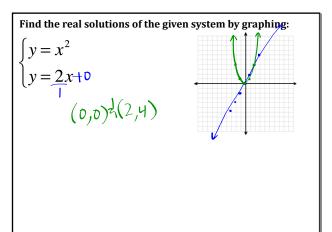
When solving a system of linear equations graphically, what did the SOLUTION look like?

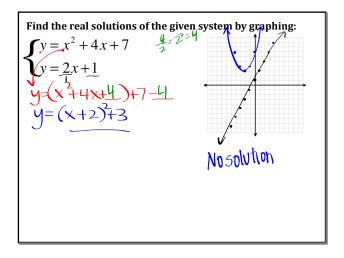
Always where may coss

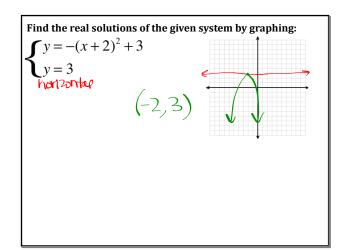
When solving a system of linear AND quadratic equations, what might the possible solutions look like?

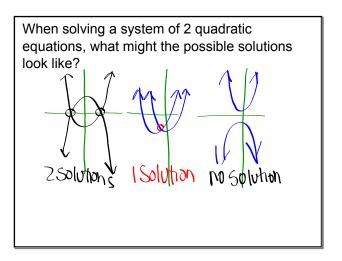
2 solutions

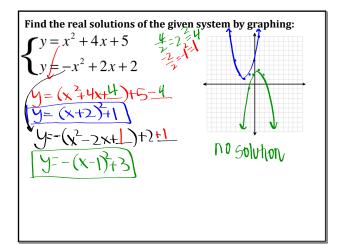
Isolution No solution











Find the real solutions of the given system by graphing:
$$\begin{cases}
y = x^2 + 2 \\
y = -x^2 + 2x + 2 \\
y = -(x-1)^2 + 3
\end{cases}$$
(1,3)
(0,1)

