

# Introduction to Quadratic Equations



## *Overview of problems*



*Example Set: A*

- \* What is a "quadratic equation?"
- \* How many solutions does a quadratic equation have?
- \* What is the shape of a quadratic equation's graph?
- \* Name a few techniques that you will learn/or know that help you solve quadratic equations

# Introduction to Quadratic Equations



## Overview of problems- KEY



Example Set: A

\* What is a "quadratic equation?"

2<sup>nd</sup> degree polynomial equation

\* How many solutions does a quadratic equation have?

two

\* What is the shape of a quadratic equation's graph?

parabolic — "u" shape

\* Name a few techniques that you will learn/or know that help you solve quadratic equations

solve by square root

solve by factoring

solve by Quadratic Formula