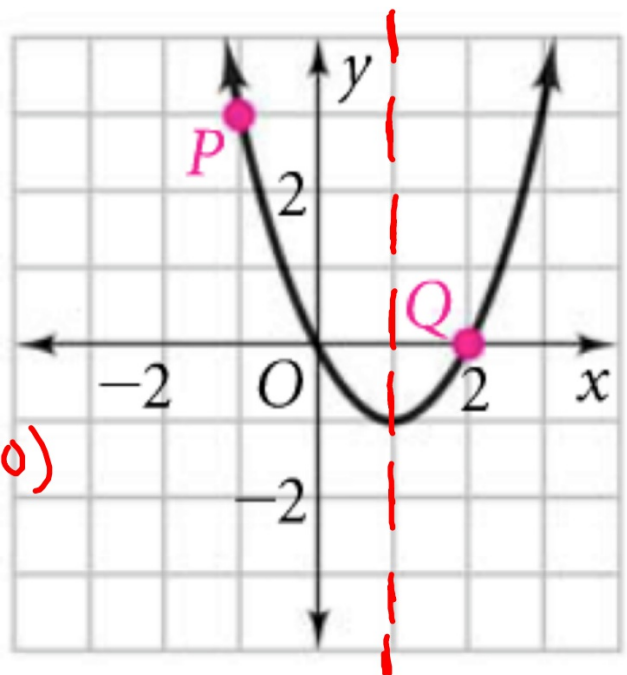


11.30.15

Grab an ipad and then get started on the bell work below.

For the graph, identify the following features. If you don't know the term, *take a guess* based on its name.

Function family: Quadratic
Graph shape name: U shape
Domain: $(-\infty, \infty)$
Range: $[-1, \infty)$
Vertex: $(1, -1)$
y-intercept: $(0, 0)$
Zeros: x-intercepts $(0, 0)$ & $(2, 0)$
Axis of symmetry: $x = 1$



UNIT 3: QUADRATICS

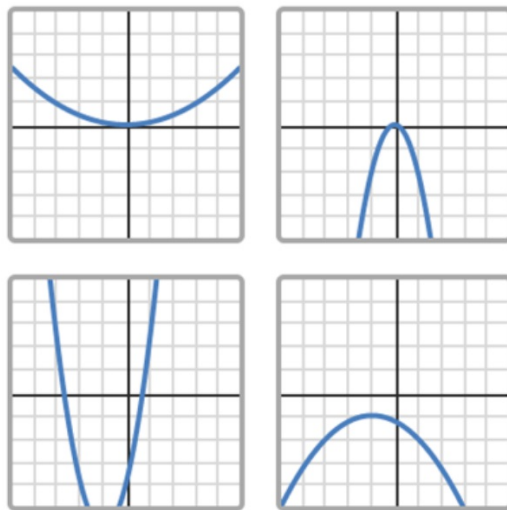
p. 22 Intro to
Quadratics

- Vocabulary
 - Vertex
 - Axis of symmetry
 - Zeros/Solutions/Roots
- Equation Forms
 - Standard Form
 - Vertex Form
 - Factored Form
- Methods of Solving
 - GCF
 - Factoring
 - Square Roots
 - Quadratic Formula
 - Completing the Square

With your neighbor, discuss and write in your notebooks:

- **Two things you already know about this unit.**
- **One question you have about this unit.**

Desmos Game: Polygraph Parabolas



- Go to the website student.desmos.com
- Enter class code: **WGTX**