

Name _____ Date _____
MAT 1275CO – Mr. Kan Parabolas

Watch the video: <https://youtu.be/BGz3pkoGPag>. Answer the questions below.

- 1) How would you describe the shape of a parabola?

- 2) A parabola can open _____ or _____.

- 3) The _____ is the maximum or minimum point on a parabola.

- 4) The _____ of _____ is the line that goes vertically through the middle of the parabola.

- 5) In your own words, what is a y-intercept? How many y-intercepts does a parabola typically have?

- 6) In your own words, what is an x-intercept? How many x-intercepts does a parabola typically have?

- 7) What is the equation of the simplest parabola?