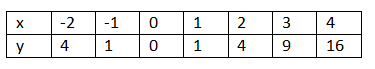
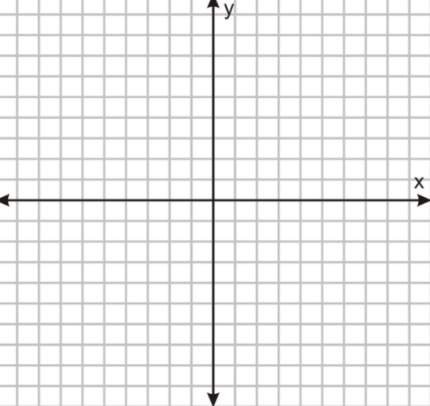
**Quadratics** – let’s break it down  **6.2-6.3 Part 2**

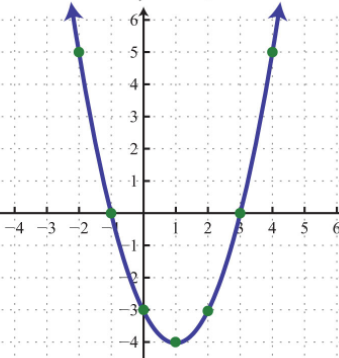
Look at the table – what kind is it?

 Graph it over here

What shape is this similar to?

We call these \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\*\*Here are what **parabolas** have



Vertex: y-intercept:

direction: x-intercepts:

maximum or minimum: axis of symmetry:

Domain: Range:

Function? Discrete or cont?

* Quadratics will always have an exponent of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**If it’s a 2 it’s a U!**

|  |
| --- |
| Vertex: Axis of symmetry: Function?  y-intercept: x-intercepts: Domain:  Direction: Max or min? Range:  Increasing: Decreasing: Disc/Cont |
| Vertex: Axis of symmetry: Function?  y-intercept: x-intercepts: Domain:  Direction: Max or min? Range:  Increasing: Decreasing: Disc/Cont |
| Vertex: Axis of symmetry: Function?  y-intercept: x-intercepts: Domain:  Direction: Max or min? Range:  Increasing: Decreasing: Disc/Cont  What do you notice about the graph vs. the function? |

**\*Quadratics are always \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and are always \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**