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| **The Project****The Selfie:***Find a parabola out and about and take a selfie with it.***The Graph:***Get that parabola selfie into Desmos! (desmos.com>Start Graphing>+ button>add image)***The Math:***Write the equation for your parabola and analyze it. Plot 3 points in desmos on top of your graph to quadratic regress that beauty!***Peer Review:***Exchange your graph with someone else’s and analyze their graph for them.* **The Vote:***After they are all turned in we will display the parabolas and vote on which parabola is most unique!***Analysis of your Parabola:**

|  |  |  |  |
| --- | --- | --- | --- |
| Axis of Symmetry |  | Domain |  |
| Vertex |  | Range |  |
| Zero(s) |  | Equation  |  |
| Y-Intercept |  | Max/Min Value |  |

**Analysis of your friends:** **Who’s?**

|  |  |  |  |
| --- | --- | --- | --- |
| Axis of Symmetry |  | Domain |  |
| Vertex |  | Range |  |
| Zero(s) |  | Equation  |  |
| Y-Intercept |  | Max/Min Value |  |

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