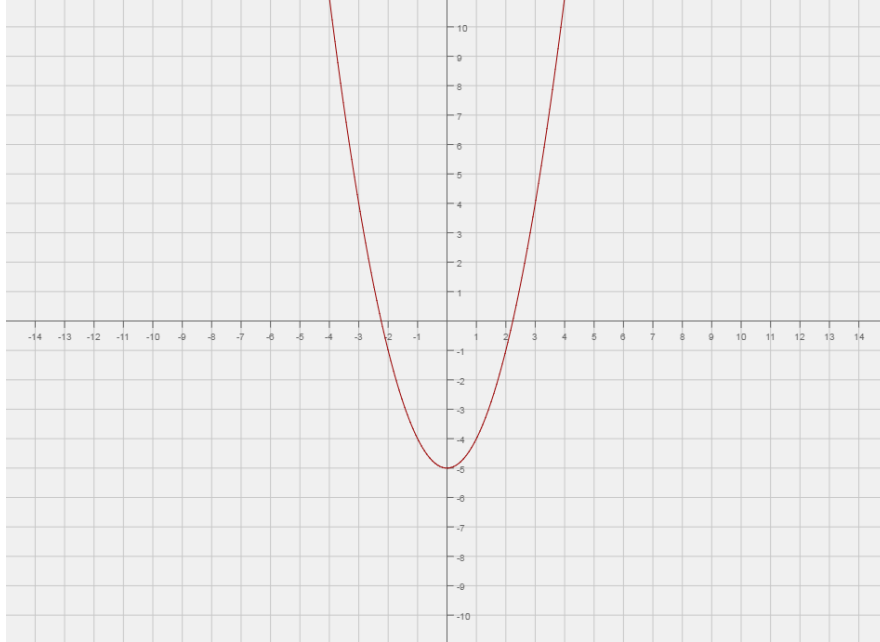


Graphing Quadratics



For this project, we will be creating a table of common Quadratics and their graphs. Please follow these directions:

1. Create a new Google Doc called "Graphing Quadratics"
2. Create a 2 Column, 5 row table
3. Put the following quadratics in your table (one formula per cell)

$$\begin{aligned}y &= x^2 \\y &= x^2 + 5 \\y &= x^2 - 5 \\y &= (x + 5)^2 \\y &= (x + 5)^2 + 5\end{aligned}$$

$$\begin{aligned}y &= -x^2 \\y &= -x^2 + 5 \\y &= -x^2 - 5 \\y &= -(x + 5)^2 \\y &= -(x - 5)^2 - 5\end{aligned}$$

4. **Using Google Chrome**, Go to <http://www.meta-calculator.com/> and click Graphing Calculator.
5. Retype your first equation where it says "Insert your equation here"
6. Click on the Graph tab. Right click the graph that is created, and copy it
7. Now paste the graph you just copied into the appropriate cell of your Google Doc
8. Repeat #5-7 for all 10 equations