



Essential Question: How do I use Desmos.com to graph on the coordinate plane?

Questions / Big Ideas

Key Terms

Inequality Notation ≡ a mathematical sentence using inequality symbols:

- < Less Than
- > Greater Than
- ≤ Less Than or Equal To
- ≥ Greater Than or Equal To

Domain ≡ The set of input values for a given situation.

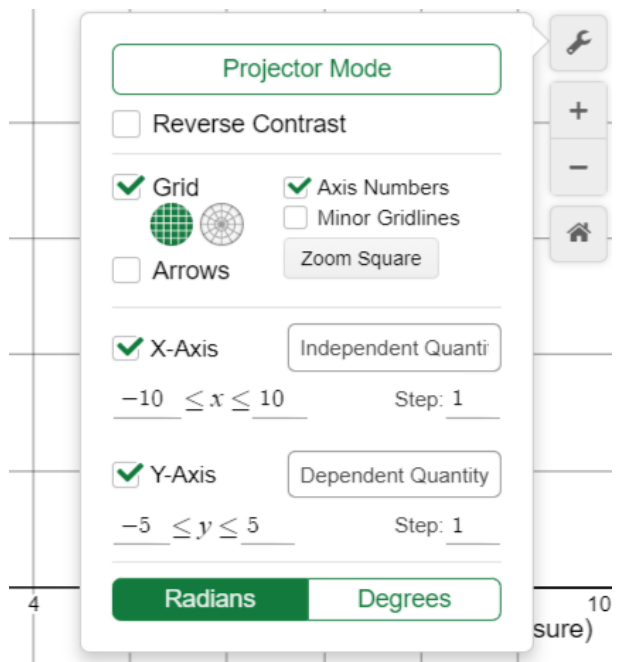
- Ex. All x-values between zero and 10, including zero.
Written in inequality notation: $0 \leq x < 10$

Range ≡ The set of output values for a given situation.

- Ex. All y-values between negative 5 and 15, including 15.
Written in inequality notation: $-5 < x \leq 15$

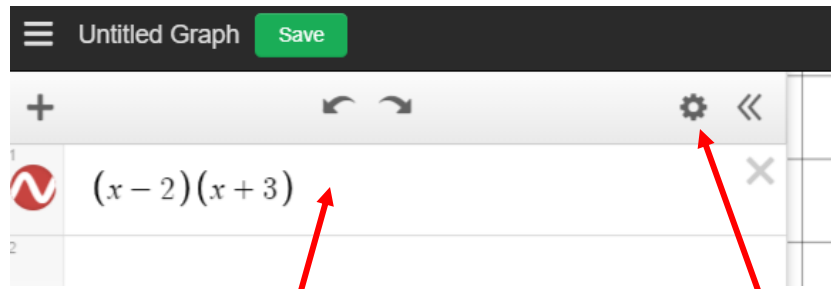
Desmos.com

1. Click “Start Graphing,” then sign in with your Google school account.
2. Click on the wrench for Graph Settings
 - a. Uncheck “Minor Gridlines”
 - b. Type in your independent & dependent quantities & units of measure into the axes
 - c. Choose your minimum & maximum values to view your coordinate plane (for each axis)
 - d. Choose your scale (interval step values for each axis)

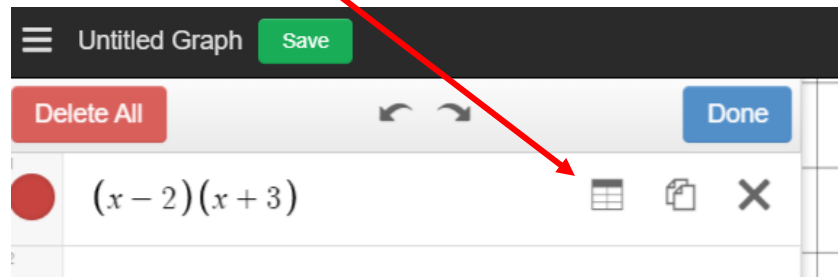


Questions / Big Ideas

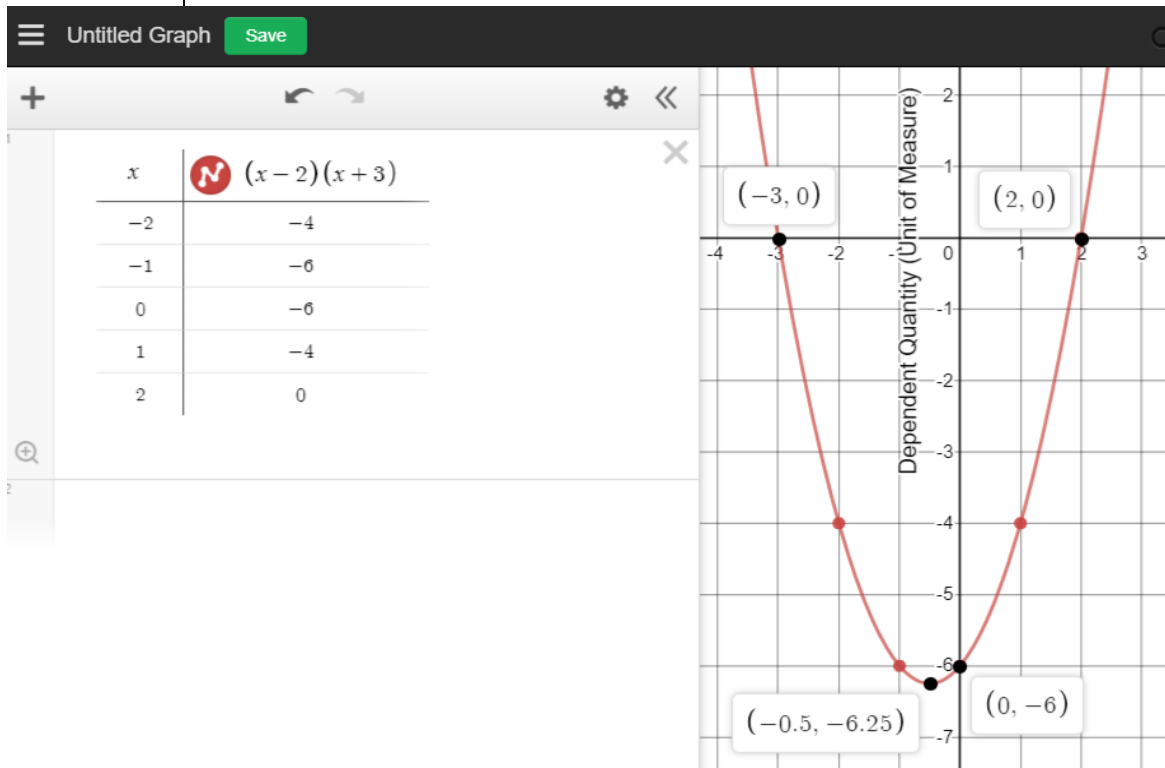
3. Type the expression or equation to be graphed



4. Click inside the equation bar, then click on the equation settings button and select the table icon.



5. Click on the x-intercept(s), y-intercept, and vertex to show the coordinates.



Summary: _____
