Your Name

Mrs. Theo

Notes

## 3.1 Independent and Dependent Relationships and Domain and Range

Day 3



## 3-1 Relations 2018.notebook

Determining Independent and Dependent Variables

Ask yourself: which variable depends on the other? This will be the dependent variable Car insurance costs increase with traffic violations and accidents Independent X: Traffic violations Dependent Y: Car insurance Cost Ice cream sales increase as the temperature increases Independent X: Temperature Dependent Y: Ice crean sales Aiden charges \$25 per hour to fix your computer Independent X: # hours worked Dependent Y: Cost to fix computer States with larger population have more seats in the House of Representatives Independent X: Population Size

Dependent Y: # of Scats in the House of Representatives

Let's Explore Domain and Range more!

Go to student.desmos.com

and type in:

YYWA5K

## October 28, 2020

Domain and Range for connected points When points are connected by a curved line, then there would be too many values to write all the values of the ordered pairs as a set (we would have to include every decimal between each two integer numbers)...







