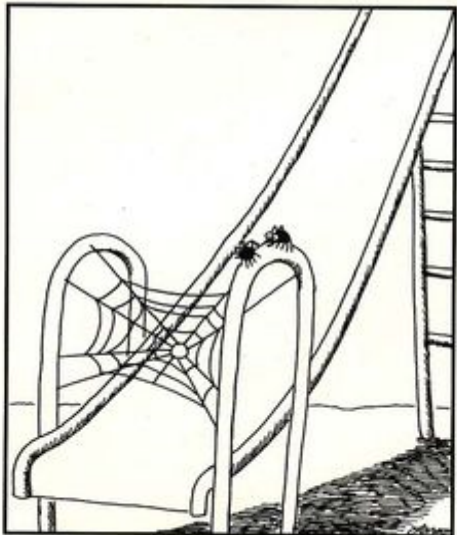


7.4 (pg. 316) Writing Equations in Two Variables

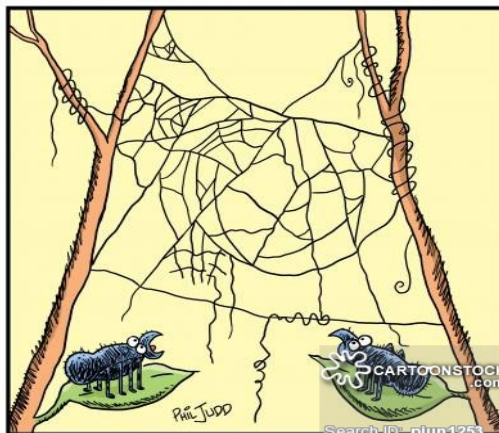
An **equation in two variables** represents two quantities that change in relationship to one another.



A **solution of an equation in two variables** is an ordered pair that makes the equation true.



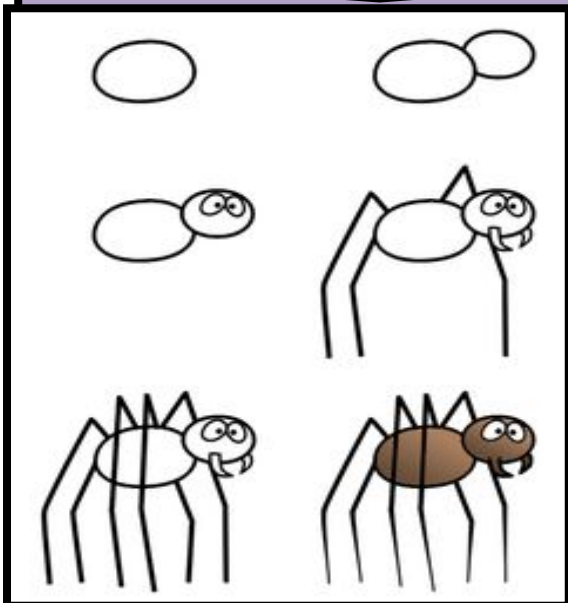
"If we pull this off, we'll eat like kings."



"Man, when was the last time you had your eyes tested?"



Independent Variable: The variable representing the quantity that can change freely.

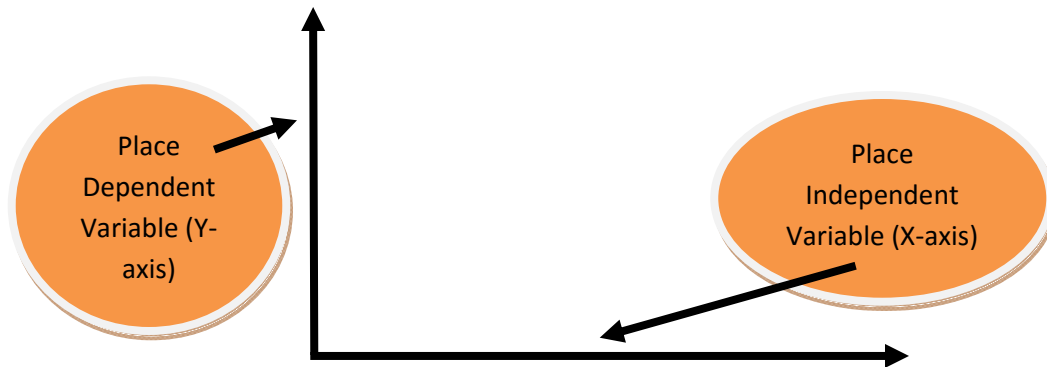


Dependent Variable: The Variable that *depends* on the independent variable; the values that result from the independent variables.

It is typically the variable that is isolated.

Remember DRY MIX

- DRY Dependent (belongs on the Y-axis)
 - MIX Independent (belongs on the X-axis)
-



3 Videos explaining variables:

<https://www.youtube.com/watch?v=-mVHzIDN0A8>

<https://youtu.be/rU7l5FkIHus>

<https://www.khanacademy.org/math/cc-sixth-grade-math/cc-6th-expressions-and-variables/cc-6th-dependent-independent/e/dependent-and-independent-variables>
