

Administrivia:

- website - www.mrchilds.com
- class expectations
- questions?

Sep 5-2:03 PM

MHF4U

Advanced Functions

This course is mainly a discussion of a variety of functions with an emphasis on understanding the connections between the **data points**, the **equations**, and the **graphs**.

Aug 29-10:35 AM

Learning Goal

- Review of functions
- Review of Linear functions
- Review transformations of functions

Sep 6-3:40 PM

What is a function?

A relation in which each value of the independent variable corresponds to only one value of the dependent variable.



How is this different from/ the same as a RELATION?

All functions are relations
 Not all relations are functions

$$y=x^2$$

$$x=y^2$$

Aug 29-10:36 AM

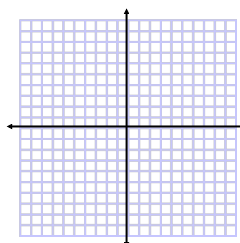
How can a function be represented?



Aug 29-10:40 AM

Review of Linear:

What do we remember?



Sep 4-4:06 PM

Review of transformations:

What do we remember?

$$y = a f(b(x-h)) + k$$

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Homework:

Sheet R-5: Slope and Rate of change of a Linear
Function #1-4

Sheet R-8: Transformations of Functions
#1-3

Aug 29-10:44 AM