

# ALGEBRA 2 ~ CHAPTER 1 NOTES

## 1.1 PARENT FUNCTIONS AND TRANSFORMATIONS

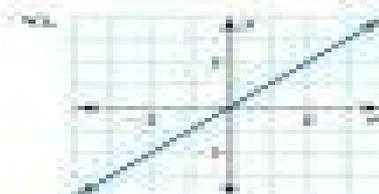
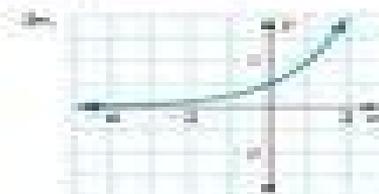
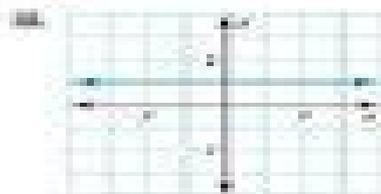
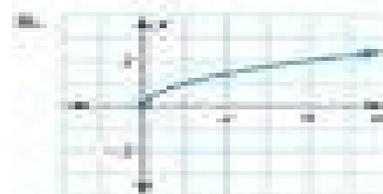
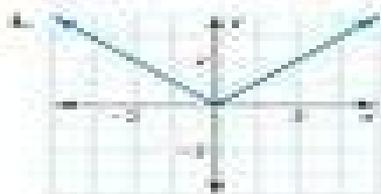
### 1.1 Day 1

- I can identify the function family to which a function belongs.
- I can graph transformations of functions.
- I can explain how translations, reflections, stretches, and shifts affect graphs of functions.

### EXPLORE IT | Identifying Basic Parent Functions

Work with a partner.

- a. Graphs of six basic parent functions are shown below. Classify each function by constant, linear, absolute value, quadratic, square root, or exponential. Justify your reasoning.



- b. Sort the parent functions in part (a) into groups. Explain how you grouped them.

- c. What are the characteristics of the graphs?

Family				
Rule				
Graph				
Domain				
Range				

# Algebra 2 Chapter 1 Foundations For Functions

**Mocktime Publication**



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**Introductory Econometrics for Finance** Chris Brooks,2014-05-08 The only econometrics textbook written specifically for finance students with no prior knowledge of econometrics including extensive online student support Analytic Geometry; a Precalculus Approach Ronald L. Bohuslov,1970 *Modern Digital Design* Richard S. Sandige,1990 Covers the principles of designing digital electronic circuits and presents realistic applications using integrated circuit devices The book also discusses ways to utilize programmable logic device software and hardware **History of the Foundation of the Actuarial Society of America** Actuarial Society of America,1904

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