

# ALGEBRA I End of Course STUDY GUIDE

## Topics

$y = mx + b$   
slope =  $\frac{\Delta y}{\Delta x}$   
y-intercept =  $b$   
x-intercept =  $-\frac{b}{m}$

### Linear Functions

1. Find slope given a table:

$x_1$	$y_1$
1	-10
2	-12
3	-14
4	-16

Find slope for  $y_1$  and  $y_2$   
 $\frac{\Delta y}{\Delta x} = \frac{-12 - (-10)}{2 - 1} = -2$

$$\frac{\Delta y}{\Delta x} = \frac{y_2 - y_1}{x_2 - x_1}$$

Find the slope given two points  
 $(x_1, y_1), (x_2, y_2)$

$$\frac{\Delta y}{\Delta x} = \frac{y_2 - y_1}{x_2 - x_1}$$

### Linear Functions in graphs

Intercept(s):

1. Choose x-intercept
2. Choose y-intercept
3. Find slope =  $\frac{\Delta y}{\Delta x}$

Point(s):



Standard form:

$$y = mx + b$$

Dependent on:

$$2x - 4$$

$$2x = 4$$

$$x = 2$$

Perpendicular and Parallel

Dependent on:

$$2x + 3$$

Dependent on:

$$y =$$

$$y = 2x + 3$$

$$y = 2x + 3$$

Perpendicular and Parallel

Perpendicular and Parallel

Perpendicular and Parallel

### Nonlinear Functions

$$y = x^2 - 4x + 4$$

$$y = -x^2 + 2x + 3$$

$$y = \frac{1}{2}x^2 + 2x + 3$$

$$y = -2x^2 + 4x + 3$$

### Parabolas

1. Find all x-intercepts and y-intercept

2. Choose x-intercept and y-intercept

3. Use vertex by other coordinates for direction of  $y$

4. Sketch

## Linear Functions

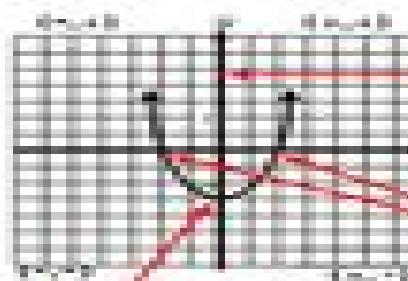
### Linear Functions

### Polynomial Functions

#### Polynomial Functions

Linear: Higher $\Delta x$ results in	Quadratic: Higher $\Delta x$ results in
Steady, starting around $y = 0$ when $x = 0$	Steady, starting around $y = 0$ when $x = 0$
Challenged: Higher $\Delta x$ results in	Challenged: Higher $\Delta x$ results in
Quadratic: Higher $\Delta x$ results in	Quadratic: Higher $\Delta x$ results in
Quadratic: Higher $\Delta x$ results in	Quadratic: Higher $\Delta x$ results in
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Quadratic: Higher $\Delta x$ results in	Quadratic: Higher $\Delta x$ results in
Quadratic: Higher $\Delta x$ results in	Quadratic: Higher $\Delta x$ results in

### Quadratics: Vertex Form: $y = a(x - h)^2 + k$



Linear and Quadratic Functions  
by  $\Delta x$  of vertex form

Quadratic Functions:  
open upwards, downwards,  
horizontal, vertical,  
rotated, reflected

rotated, reflected

$$y = 2x^2 - 4x + 4$$

$$y = 2(x - 2)^2 + 4$$

$$y = 2x^2 - 8x + 12$$

### Exponentials: Basics

$$y = a^x$$

$$y = a^x + b$$

$$y = a^x - b$$

$$y = a^x \cdot b$$

$$y = a^x \cdot b^x$$

# Algebra Honors Study Guide

**D Keegan**

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*Resources in Education*, 1984      **Algebra 2 Chapter 1 Resource Masters** McGraw-Hill Staff, 2002-05      **MAA Notes**  
, 1983      Glencoe Algebra 1, 2001      **Research in Education**, 1971      **The Independent Study Catalog** Peterson's  
Guides, Peterson's, 1992      Lovejoy's Prep School Guide Clarence Earle Lovejoy, 1968      Curriculum Materials Association  
for Supervision and Curriculum Development, 1965      The Independent School Guide Lois H. Coerper, Shirley W.  
Mersereau, 1995-06      The Official Guide to Catholic Educational Institutions and Religious Communities in the United  
States, 1971      Resources in Education, 1995      Peterson's Guide to Undergraduate Engineering Study David R.  
Reyes-Guerra, Alan M. Fischer, 1981      **Proceedings** Chicago (Ill.). Board of Education, 1970      American Doctoral  
Dissertations, 1996      The Publishers Weekly, 1999      Science Books & Films, 1989      Christian Home Educators'  
Curriculum Manual Cathy Duffy, 1997-11      **Lovejoy's College Guide**, 1991 Offers in depth profiles of more than 2500 four  
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