

Unit 1- Objectives

I. Graphing Linear Equations By Ordered Pairs

1. Equations for vertical, horizontal, and oblique lines.
2. Equations for a line.
3. Find coordinates of solution points.
4. Graphing ordered pairs

II. Graphing Linear Equations By Slope-Intercept Form

1. Graph lines on coordinate grid.
 - a. Find points
 - b. $y = mx + b$

III. Linear and Quadratic Equations

1. Recognize the difference between linear and quadratic equations
2. Graph Quadratic Equations

IV. Betweenness and Distance

1. Vocabulary - segments, lines, rays, endpoints, range.
2. Distance Formula $x - y$
3. Distance Postulate: If B is on AC, then $AB + BC = AC$.

V. Chapter 1 Vocabulary

VI. Distributed Practice (Algebra Concepts)

1. Graphing sets of numbers on a number line.
2. $<, >, \leq, \geq$
3. Solving Equations (Solving Equations Worksheet)

Unit 1- Assignments

Assignment #	Section	Objective	Page and Problem #	# of Problems	Due Date
1	1.3A	Obj. I: Linear by ordered pair DP: Graphing inequalities	Pg. 20 #3-11 Pg 50 #6,7	9 2	
2	1.3A	Obj. I: Linear by ordered pair	LM 1-3C	15	
3	1.3B	Obj. II: Graphing Slop Int. Obj. III: Graphing Quadratic DP: Obj. I	LM 1-3D		
4	1.8	Obj. IV: Betweenness & distance DP: Obj. I DP: Obj. II	Pg. 50 #6-11,15-18 Pg. 61 # 60-63 Pg. 61 # 56-59	10 3 4	

