Distance Learning Dashboard

Algebra 1.1 Durden/Ridpath Schedule

March 30-April 3: Solving inequalities in one variable

Date and Lesson Link	Learning Objectives	Assigned Tasks
Monday, March 30 Distance Learning Expectations or Use Notability	• I understand how I can meet the expectations for Algebra class during distance learning.	Watch a video and complte 4 tasks on the lesson slides.
Tuesday, March 31 Solutions to Inequalities in One Variable or Use Notability	• I understand that the solution to an inequality is a range of values (such as x>7) that make the inequality true. • I can graph the solution to an inequality in one variable.	Watch the video. Answer 7 questions on the lesson slides by following the video and then 10 questions independently.
Wednesday, April 1 Efficiently Solving Inequalities (pdf) (Download in Notability)	• I can solve inequalities by solving a related equation and then checking which values are solutions to the original inequality.	Watch as many examples as you need from the videos below and then complete the remaining exercises independently • Example 1 • Exercise 1 • Exercise 4 • Exercise 7
Thursday, April 2 Properties of Inequalities Investigation (pdf) Open in Notability	• I can describe what happens when I add, subtract, multiply, or divide by the same number on both sides of an inequality.	1. Review one of your answers on the assignment from yesterday by watching one of the videos that is posted next to yesterday's assignment. Resubmit any revisions that you made. 2. Watch the video explaining the Inequalities Investigation. Complete the investigation and write what you observed during your investigation.
Friday, April 3 The Properties of Inequalities	• I know when to flip the inequality sign when solving inequalities using the properties of inequalities.	From the video, watch as many examples as you neeed to get started, then complete exercises 1-3.

April 6-April 10: Solving compound inequalities

Date and Lesson Link	Learning Objectives	Assigned Tasks
Monday, April 6 **Distribute to Solve Inequalities** Open in Notability	• I can apply the distributive law to solve linear inequalities in one variable.	• Watch the video. • 3 guided problems • 6 independent practice problems (Check selected solutions)
Tuesday, April 7 [Writing Inequalities] Open in Notability	• I can write and solve inequalities to answer questions about a situation.	
Wednesday, April 8 Compound Inequalities	• I can graphs solutions to simple compound inequalities in context. • I can determine when a compound inequality has no solution.	

Thursday, April 9 Absolute Value Inequalities Open in Notability	• I can graphs solutions to absolute value inequalities in context.
Friday, April 10 No school	

April 13-April 17: Exponents and exponential functions

April 20-April 24: The Pythagorean theorem

April 27-May 1: The Pythagorean Theorem

May 4-May 8: Systems of linear equations

May 11-May 15: Systems of linear equations

May 18-May 22

May 25-May 29