

## Algebra I, Slope and Intercept: Flipped Lesson At-home Student Guide for use with the *DynaNotes Plus* App

Tonight, instead of working out algebra homework problems, your assignment is to learn more about linear functions. Specifically, you will learn all about a linear function's slope and intercept(s). Your job is to read and view instructional materials tonight so that you're ready to work problems out in class tomorrow. Please initial each of the following as you complete that step of tonight's preparation.

Your  
Initials

\_\_\_\_\_ Read the section titled "Slope and Intercept" from the *DynaNotes Plus* app.

Look at the first example in which a slope of  $-2$  is calculated.

For this example,  $x_1 = \underline{\hspace{1cm}}$ ,  $y_1 = \underline{\hspace{1cm}}$ ,  $x_2 = \underline{\hspace{1cm}}$ ,  $y_2 = \underline{\hspace{1cm}}$ .

For the second example, write the slope ( $m$ ) of lines A, B, and C:  $m_A = \underline{\hspace{1cm}}$ ,  $m_B = \underline{\hspace{1cm}}$ ,  $m_C = \underline{\hspace{1cm}}$

\_\_\_\_\_ View the Project Share video titled "Determining Slope from Equations, Graphs, and Tables" from the *DynaNotes Plus* app.

\_\_\_\_\_ View the Project Share video titled "Determining the Meaning of Slope and Intercepts" from the *DynaNotes Plus* app.

\_\_\_\_\_ View the Project Share video titled "Find the Equation of a Line Given Two Points" from the *DynaNotes Plus* app.

\_\_\_\_\_ Read the Project Share web page titled "Intercepts of Linear Functions from Tables" from the *DynaNotes Plus* app.

For this table of ordered pairs of a linear function, what are the intercepts?  $x$ -intercept =  $\underline{\hspace{1cm}}$ ,  $y$ -intercept =  $b = \underline{\hspace{1cm}}$

\_\_\_\_\_ Record your questions or ideas by adding a text note to the "Slope and Intercept" section of the *DynaNotes Plus* app. You can also use the work area below to show some of what you have learned this evening. You can capture any work with a photo note.

**Open Area for  
Student Notes  
or Work:**

$x$	$y$

