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Resource ID#: 131619

Primary Type: Tutorial

Direct Link: <https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-linear-equations-functions/8th-slope-intercept-form/v/equation-of-a-line-1>

Slope-Intercept Equation from Slope and Point

Given the slope of a line and a point on the line, you will write the equation of the line in slope-intercept form.

General Information

Subject(s): Mathematics

Grade Level(s): 8

Intended Audience: [Students](#)

Instructional Time: 4 Minute(s)

Suggested Technology: Computers for Students, Internet Connection, Speakers/Headphones

Keywords: Slope-intercept

Instructional Component Type(s): [Tutorial](#), [Video/Audio/Animation](#),

[Instructional Design Framework\(s\):](#) [Demonstration](#)

Resource Collection: Secondary Math specific existing tutorials

Source and Access Information

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Name of Author/Source: Khan Academy

District/Organization of Contributor(s): Leon

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Aligned Standards

Name	Description
MAFS.8.F.2.4:	Construct a function to model a linear relationship between two quantities. Determine the rate of change and initial value of the function from a description of a relationship or from two (x, y) values, including reading these from a table or from a graph. Interpret the rate of change and initial value of a linear function in terms of the situation it models, and in terms of its graph or a table of values.