

Unit 2 Linear and Exponential Relationships

Content Area: **Mathematics**
Course(s):
Time Period: **Undefined**
Length: **6-8 weeks**
Status: **Published**

Unit Overview

Essential Questions

- How do we extend the properties of exponents to rational numbers?
- Show how to solve systems of equations.
- How do we represent and solve equations and inequalities graphically?

Content

Skills

Assessments

Lessons/Learning Scenarios

Standards

CCSS.Math.Content.8.F.A.3

Interpret the equation $y = mx + b$ as defining a linear function, whose graph is a straight line; give examples of functions that are not linear.

CCSS.Math.Content.8.EE.C.8.a

Understand that solutions to a system of two linear equations in two variables correspond to points of intersection of their graphs, because points of intersection satisfy both equations simultaneously.

Resources
