

Traditional Assessments:
Unit 4 Exam
Vocabulary Quiz
Quizzes

Other Evidence of Learning:
Homework
Class work
Getting Started Exercises

| ACTIVITIES AND LEARNING EXPERIENCES |
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| Finding slopes of line from graphs and when given two points |
| S will learn vocabulary using the 4-step process (slope (m), line, graph, |
| points, symmetric property, and coefficient) |

- S will do Getting Started activity sheet
- T will model finding slopes of lines from a graph
- S will do in-class worksheet on finding the slope from a graph and a review sheet on symmetric property
- T will go over worksheet and relate the two worksheets
- T will model finding the slope of a line when given two points and relate to finding the slope of a graph
- S will do in-class worksheet on finding the slope of two points and a review sheet on solving for y ( y with a coefficient)
- T will go over worksheet, relate the worksheets to each other, and assign homework

Finding the slope, $y$-intercept, and $y$ from an equation

- $S$ will learn vocabulary: y-intercept (b), equation
- S will do Getting Started activity sheet
- T will model finding the slope and y-intercept by just looking at an equation that is already solved for $y$
- S will do in-class worksheet on finding the slope(m) and $y$-intercept(b) from an equation
- T will go over worksheet
- T will model how to solve an equation for $y$ (review from earlier), and then have the students find the slope and $y$-intercept
- $S$ will do in-class worksheet on solving the equation for $y$ and then find the $m$ and $b$
- T will go over the worksheet and assign homework

Find the slope of a standard equation and writing the equation when given $m$ and b

- S will learn vocabulary: standard equation
- S will do Getting Started activity sheet
- T will model finding the slope of a standard equation
- S will do in-class worksheet on finding the slope of a standard equation
- T will go over worksheet
- T will model writing an equation when given $m$ and $b$
- $S$ will do in-class worksheet on writing equations when given $m$ and $b$
- T will go over worksheet and assign homework

Finding the x and y -intercept from a graph

- S will learn vocabulary: x-intercept and distributive property

Resources

- 4-step vocabulary sheets
- Getting Started problems
- Worksheets on finding slopes from a graph, symmetric property, finding the slope of two points, and solving for $y$

Getting Started problems Worksheets on find the slope and $y$-intercept of an equation and solving an equation for $y$ Smart board

- S will do Getting Started activity sheet
- T will model finding the $x$ and $y$-intercept on a graph and how to write the answer as a coordinate
- S will do in-class worksheet on finding the intercepts
- T will go over worksheet
- T will review and relate the distributive property
- S will do in-class worksheet on distributive property
- T will go over worksheet and assign homework

Solving for $y$ using the distributive property and writing the equation of a line given a point and slope

- S will do Getting Started activity sheet
- T will review solving an equation for $y$ and the distributive property, then show how the two can work together
- S will do in-class worksheet on solving for y using the distributive property
- T will go over worksheet
- T will model how to write an equation when only given a point and a slope
- S will do in-class worksheet on writing equations using only a point and a slope
- T will go over worksheet and assign homework

Find the slope and equation when given two points

- $S$ will do Getting Started activity sheet
- T will review finding the slope when given two points and using the proper procedures and notation
- S will do in-class worksheet on finding the slope given two points
- T will go over worksheet
- T will model how to write an equation when given two points
- S will do in-class worksheet on writing an equation when given two points
- T will go over worksheet and assign homework

Find the slope and the equation given the $y$-intercept and a point

- S will do Getting Started activity sheet
- T will model how to find a slope when given the y-intercept and a point
- $S$ will do in-class worksheet on finding the slope when given the $y$-intercept and a point
- T will go over worksheet
- T will model how to write the equation of a line given the y-intercept and a point
- S will do worksheet on writing equations when given only the y -intercept and a point
- T will go over worksheet and assign homework


## Career Connections

Construction worker, Roofer, Contractor, Home Inspector, Bridge Creator

