

keep scrolling to
get a sneak peek!

Help your Algebra 1 students
practice **writing linear
equations in slope intercept
form given a graph.** Your
students will benefit from being
given choice when it comes to
how they want to practice math!

SLOPE-INTERCEPT FORM FROM GRAPHS

CHOICE BOARD

Date: _____ Period: _____

Name: _____ **ANSWER KEY** Date: _____

Writing Slope-Intercept Form from Graph
Directions: Write the equation of the graph in slope-intercept form from each column.

$y = \frac{3}{4}x$

$y = x + 2$

$y = \frac{3}{4}x - 4$

$y = -2x + 5$

Math with Ms. Rivera

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Why do you need this?



Allowing student choice in how they practice will encourage them to do the practice!



You can differentiate by the number of problems required of particular students.

Writing Slope Intercept Form from Graphs Choice Board

Name: _____ Date: _____ Period: _____

Writing Slope-Intercept Form from Graphs

Directions: Write the equation of the graph in slope-intercept form. Choose _____ problems from each column.

Name: _____ Date: _____ Period: _____

ANSWER KEY

Writing Slope-Intercept Form from Graphs

Directions: Write the equation of the graph in slope-intercept form. Choose _____ problems from each column.

$y = \frac{1}{2}x + 1$

$y = x + 2$

$y = \frac{2}{3}x - 4$

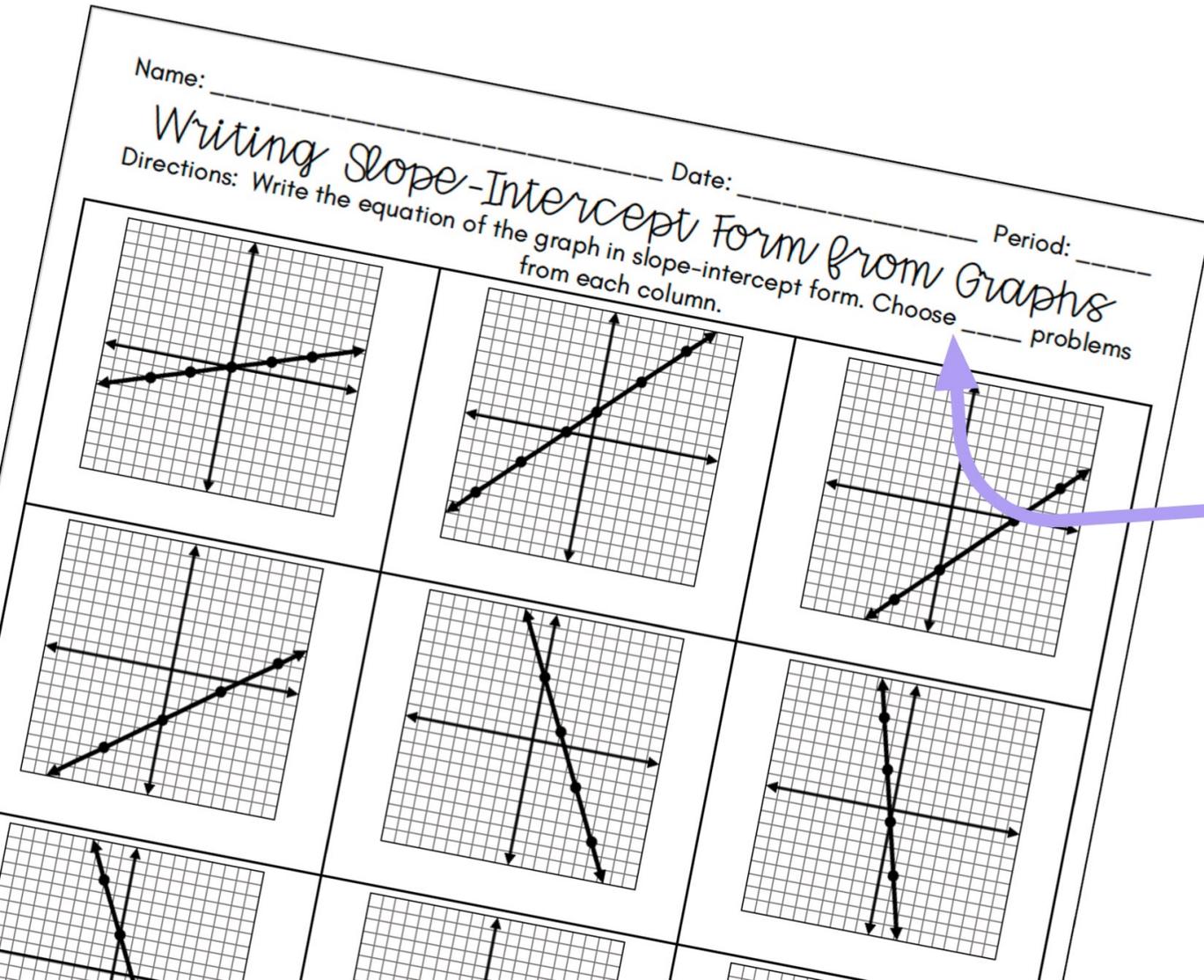
$y = -2x + 5$

$y = \frac{1}{3}x - 7$

$y = -2x + 3$

$y = x$

Slope Intercept Form from Graphs Choice Board *includes:*



- ✓ printable worksheet
- ✓ a detailed answer key
- ✓ 3 columns with 4 questions in each - 12 question total
- ✓ Spot to assign how many problems students need to complete

Slope Intercept Form from Graphs Choice Board

standards covered:

CCSS: HSA-CED.A.2

TEKs: A1.2.C

VA SOLs: EI.A.6.b

Name: _____ Date: _____ Period: _____

ANSWER KEY

Writing Slope-Intercept Form from Graphs

Directions: Write the equation of the graph in slope-intercept form. Choose _____ problems from each column.

 $y = \frac{1}{3}x$	 $y = x + 2$	 $y = x - 5$
 $y = \frac{3}{4}x - 4$	 $y = -2x + 5$	 $y = -x - 7$
 $y = x + 1$	 $y = 2x - 3$	 $y = -2x + 3$

how the choice board resource works

Name: _____ Date: _____ Period: _____

Writing Slope-Intercept Form from Graphs

Directions: Write the equation of the graph in slope-intercept form. Choose _____ problems from each column.

Assign students the number of problems they need to complete from each column.

Differentiate the choice board worksheet by reducing the number of problems assigned to show mastery.

Students can complete the any problems they want to in each column and in any order.

how to use this resource

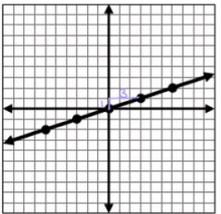
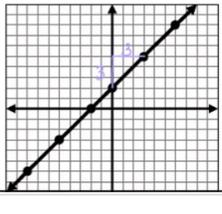
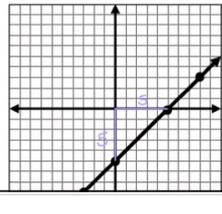
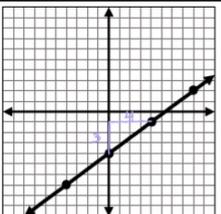
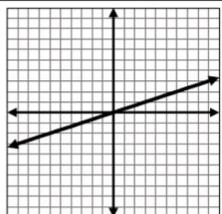
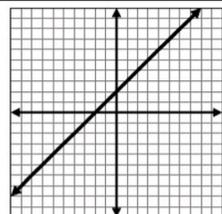
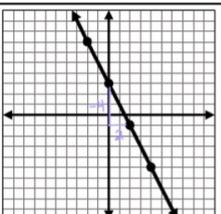
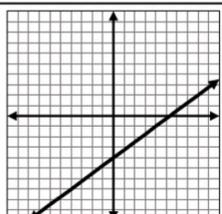
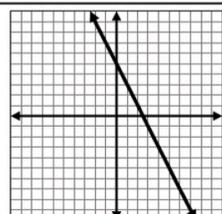
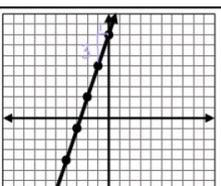
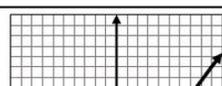
This is a great individual practice activity to use when reviewing how to write linear equations in slope intercept form given a graph.

My favorite ways to use this choice board is for homework and math practice stations.

This is also a **substitute-friendly** assignment!

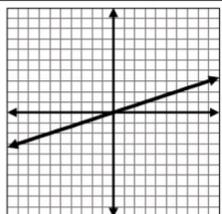
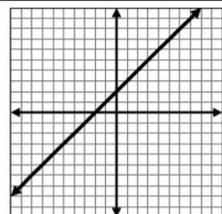
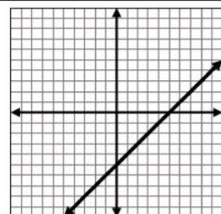
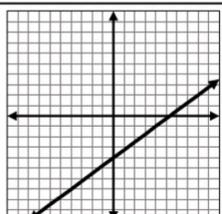
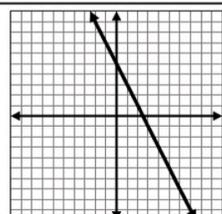
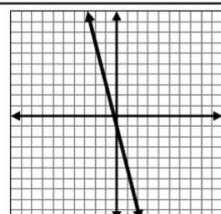
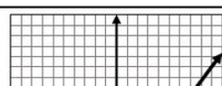
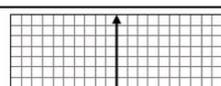
Name: _____ **ANSWER KEY** _____ Date: _____ Period: _____

Writing Slope-Intercept Form from Graphs
Directions: Write the equation of the graph in slope-intercept form. Choose ____ problems from each column.

 $y = \frac{1}{3}x$	 $y = 3x + 3$	 $y = 3x - 3$
 $y = \frac{3}{4}x - 4$		
 $y = -2x + 3$		
		

Name: _____ Date: _____ Period: _____

Writing Slope-Intercept Form from Graphs
Directions: Write the equation of the graph in slope-intercept form. Choose ____ problems from each column.

You may also enjoy ...

SLOPE INTERCEPT FORM FROM GRAPHS

Writing in Slope-Intercept Form from Graphs
Directions: Look at each graph and write the equation in slope-intercept form. If you are correct, the answer box will turn green. If you are incorrect, it will turn red. Type your answer with no spaces. Ex: $y = \frac{2}{3}x - 5$

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Math with Ms. Rivera

Self-Checking

WRITING IN SLOPE INTERCEPT FORM

Digital & Print Activity Pack

10 Activities

Math with Ms. Rivera

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CHOICE BOARDS BUNDLE

Writing Linear Functions

Algebra I

Math with Ms. Rivera

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Answer Key
Name: _____ Date: _____
ADDING & SUBTRACTING RATIONAL EXPRESSIONS
Directions: Add or subtract the rational expressions. Show your work.

ANSWER KEY
Name: _____ Date: _____
SOLVING SYSTEMS OF EQUATIONS
Directions: Solve systems of equations using substitution or elimination. Check your solution.

ANSWER KEY
Name: _____ Date: _____
MULTIPLYING & DIVIDING RATIONAL EXPRESSIONS
Directions: Multiply or divide the rational expressions. Show your work.

Rational Expression Operations - Addition & Subtraction
Directions: Answer each question and type the question number with the matching answer in the answer column to the right.

#	Question	Answer	Type the matching question numbers here
1	$\frac{5}{x} + \frac{3}{x+1}$	$\frac{2x+1}{x+2}$	
2	$\frac{2}{x+4} - \frac{x^2}{x^2-16}$	$-\frac{1}{x^2-1}$	
3	$\frac{x+2}{x^2+4x+4} + \frac{2x}{x+2}$	$\frac{2x^2+2x+5}{x^2+x-2}$	
4	$\frac{x}{x-2} + \frac{3}{x-1}$	$-\frac{x^2+2x-8}{x^2-16}$	
5	$\frac{x}{4x+8} - \frac{1}{x^2+2x}$	$\frac{8x+5}{x^2+1}$	
6	$\frac{x+2}{x-1} + \frac{x-1}{x+2}$	$\frac{x^2-3x+7}{x^2-4}$	
7	$\frac{2x+1}{x^2-4} + \frac{x-3}{x+2}$	$\frac{x^2+2x-6}{x^2-3x+2}$	
8	$\frac{x^2+2x}{x^2-1} - \frac{x+1}{x-1}$	$\frac{x-2}{4x}$	

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hey there!

My name is Malia and I'm passionate about making learning and practicing math fun. I love creating engaging math resources for my students and I hope your students enjoy this activity too!

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