

keep scrolling to
get a sneak peek!

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

STANDARD FORM FROM A GRAPH CHOICE BOARD

Date: _____ Period: _____ Name: _____

ANSWER KEY

Standard Form from Graph
Write the equation of each graph in standard form. Choose _____ problem
from each column.

Writing in Standard Form from Graph
Directions: Write the equation of each graph in standard form.
Choose _____ problem from each column.

 $x + y = 2$	 $-x + y = -5$
 $-3x + y = -4$	 $6x + y = -3$

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 Linear Standard Form from Graphs Choice Board

Name: _____ Date: _____ Period: _____
Directions: Write the equation of each graph in standard form. Choose _____ problems from each column.

Name: _____ Date: _____ Period: _____
Directions: Write the equation of each graph in standard form. Choose _____ problems from each column.

ANSWER KEY

$x + y = 2$

$-x + y = -5$

$6x + y = -3$

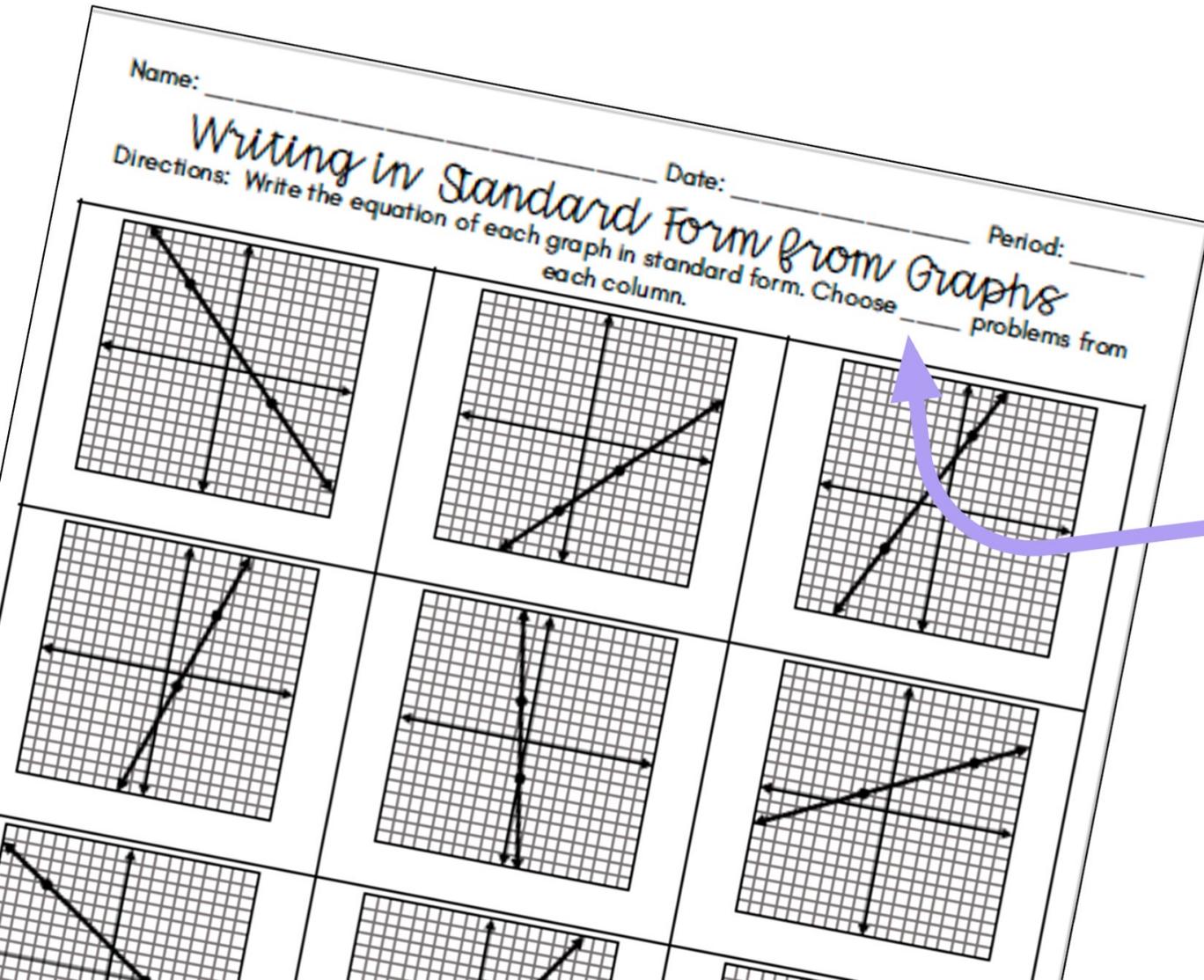
$-3x + y = -4$

$2x + 3y = 6$

$-3x + 2y = -2$

$-2x + 1$

Writing Linear Standard 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

Writing Linear Standard Form from Graphs Choice Board

standards covered:

CCSS: HSA-CED.A.2

TEKs: A1.2.B, A1.2.C

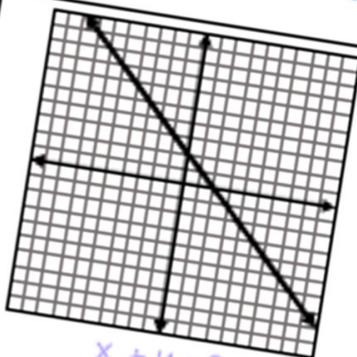
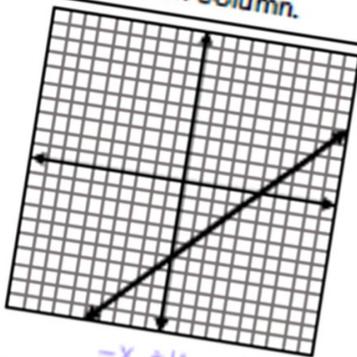
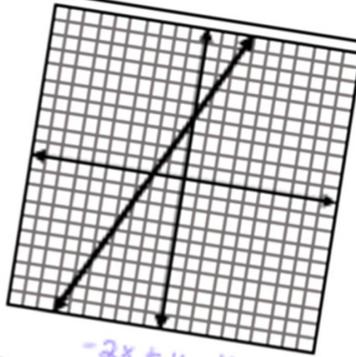
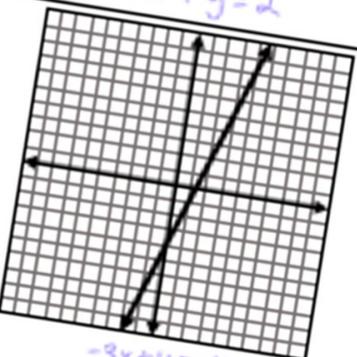
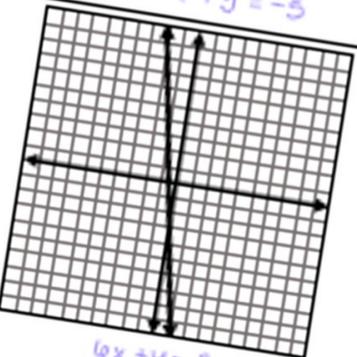
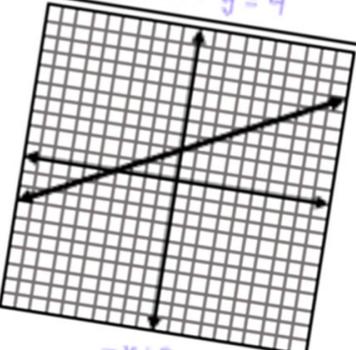
VA SOLs: EI.A.6.b

Name: _____ Date: _____ Period: _____

ANSWER KEY

Writing in Standard Form from Graphs

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

 $x + y = 2$	 $-x + y = -5$	 $-2x + y = 4$
 $-3x + y = -4$	 $6x + y = -3$	 $-x + y = 2$

how the choice board resource works

Name: _____ Date: _____ Period: _____

Writing in Standard Form from Graphs

Directions: Write the equation of each graph in standard 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

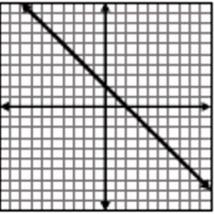
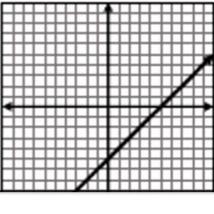
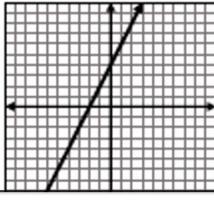
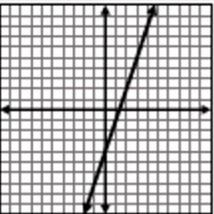
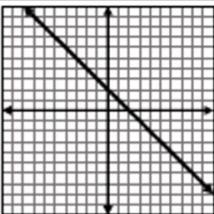
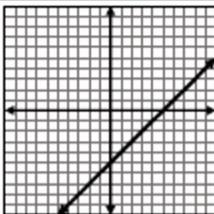
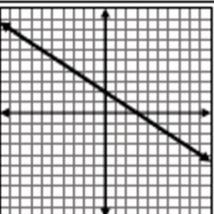
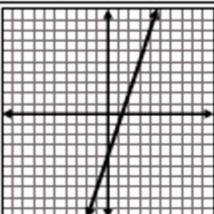
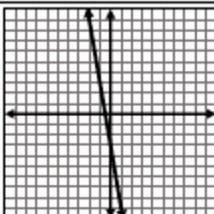
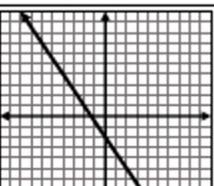
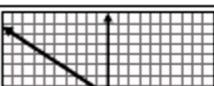
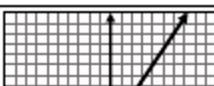
This is a great individual practice activity to use when reviewing how to write linear equations in standard form given a graph.

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

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

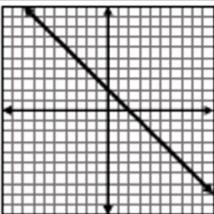
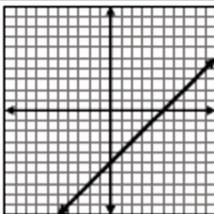
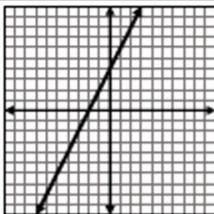
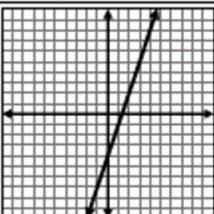
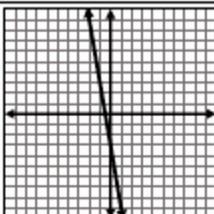
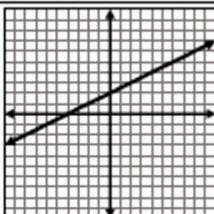
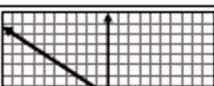
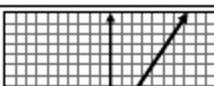
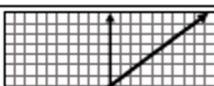
Name: _____ **ANSWER KEY** Date: _____ Period: _____

Writing in Standard Form from Graphs
Directions: Write the equation of each graph in standard form. Choose _____ problems from each column.

 $x + y = 2$		
 $-3x + y = -4$		
 $2x + 3y = 4$		
		

Name: _____ Date: _____ Period: _____

Writing in Standard Form from Graphs
Directions: Write the equation of each graph in standard form. Choose _____ problems from each column.

You may also enjoy ...

GRAPHING IN STANDARD FORM

Collaborative Tessellation

STANDARD FORM

Graph the given linear equation on the coordinate plane. Write the x- and y-intercepts of the line.

When done, cut out your piece.

1

2

3

4

5

6

7

8

9

10

11

12

Math with Ms. Rivera

student work bulletin board

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WRITING IN STANDARD FORM

Digital & Print Activity Pack

7 Activities

ANSWER KEY

Writing in Standard Form from 2 Points

Directions: Write the equation of the line in standard form. Choose the correct column. Show your work in the boxes.

1

2

3

4

5

6

7

8

9

10

11

12

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CHOICE BOARDS BUNDLE

Writing Linear Functions

Algebra I

Point-Slope Form

Given the point and slope, write the equation of the line in point-slope form. Show your work.

Slope-Intercept Form

Directions: Given the two points, write the equation in slope-intercept form. Show your work.

Standard Form

Directions: Write the equation of each graph in standard form. Show your work.

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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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