

keep scrolling to get
a sneak peek!

Help your Algebra 1 students practice rewriting **standard form equations into slope intercept form equations**. Students will be eager to get the self-checking benefits from this digital pixel art activity!

REWRITING INTO FUNCTION FORM

#	Question	Answer	Directions: Answer each question correctly and pixels will appear to reveal a picture! Do not put spaces between your values.
1	$x + 5y = -10$		
2	$4x - y = 5$		
3	$x + y = 1$		
4	$4x - y = -5$		
5	$x - 4y = 20$		
6	$2x + y = -1$		
7	$5x - 3y = 9$		
8	$7x + y = 1$		
9	$4x - 3y = 15$		
10	$2x + 3y = 15$		

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Math with Ms. Rivera

Self-Checking

Why do you need this?



It's self-checking! Your students will instantly know if they are correct or not.



Help your students practice this essential math skill.

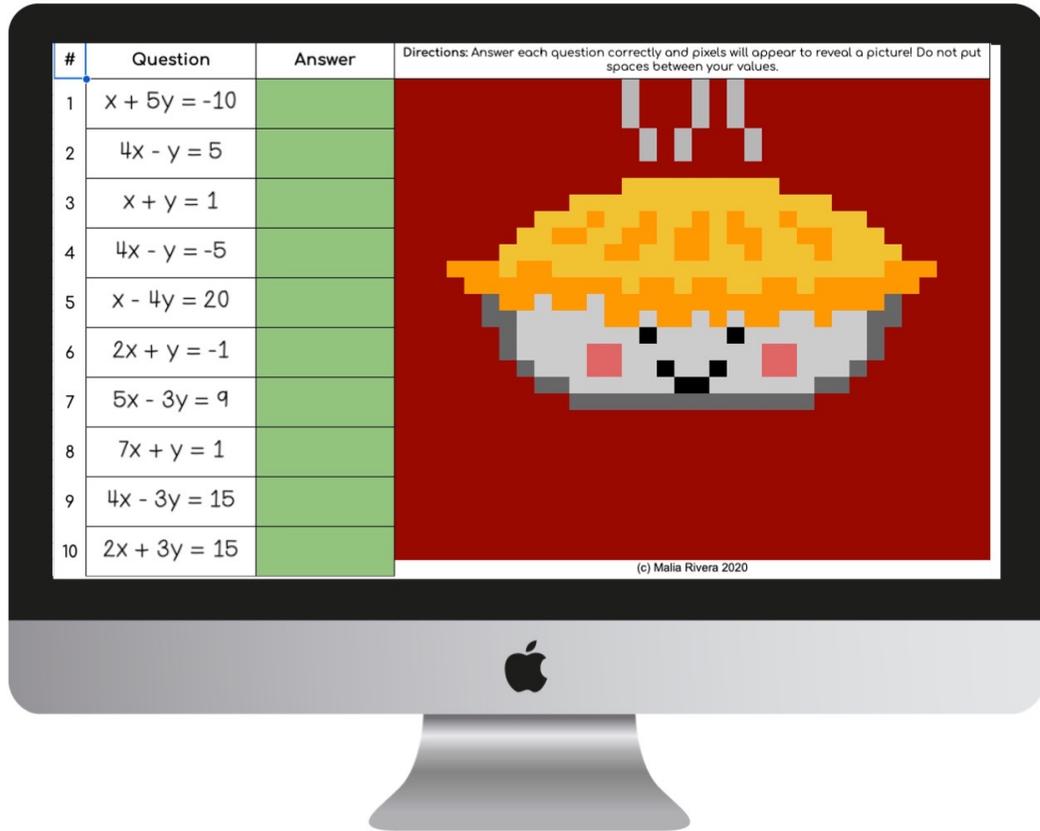


Your students will be so engaged trying to figure out what the picture is!

Rewriting into Function Form Pixel Art

#	Question	Answer	Directions: Answer each question correctly and pixels will appear to reveal a picture! Do not put spaces between your values.
1	$x + 5y = -10$		
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8	$7x + y = 1$		
9	$4x - 3y = 15$		
10	$2x + 3y = 15$		

Rewriting into Function Form Pixel Art includes:



- ✓ 10 self-checking problems
- ✓ an answer key
- ✓ a self-checking version
- ✓ an assessment version

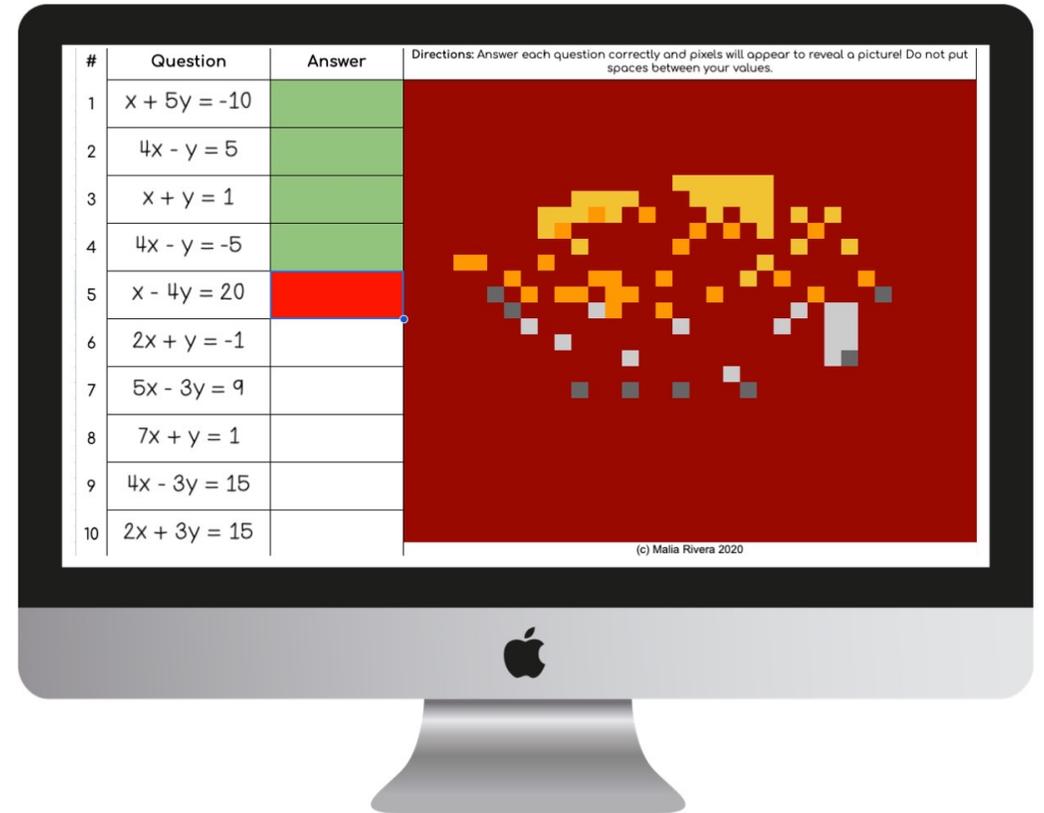
Rewriting into Function Form Pixel Art

standards covered:

CCSS: HSA-CED.A.2

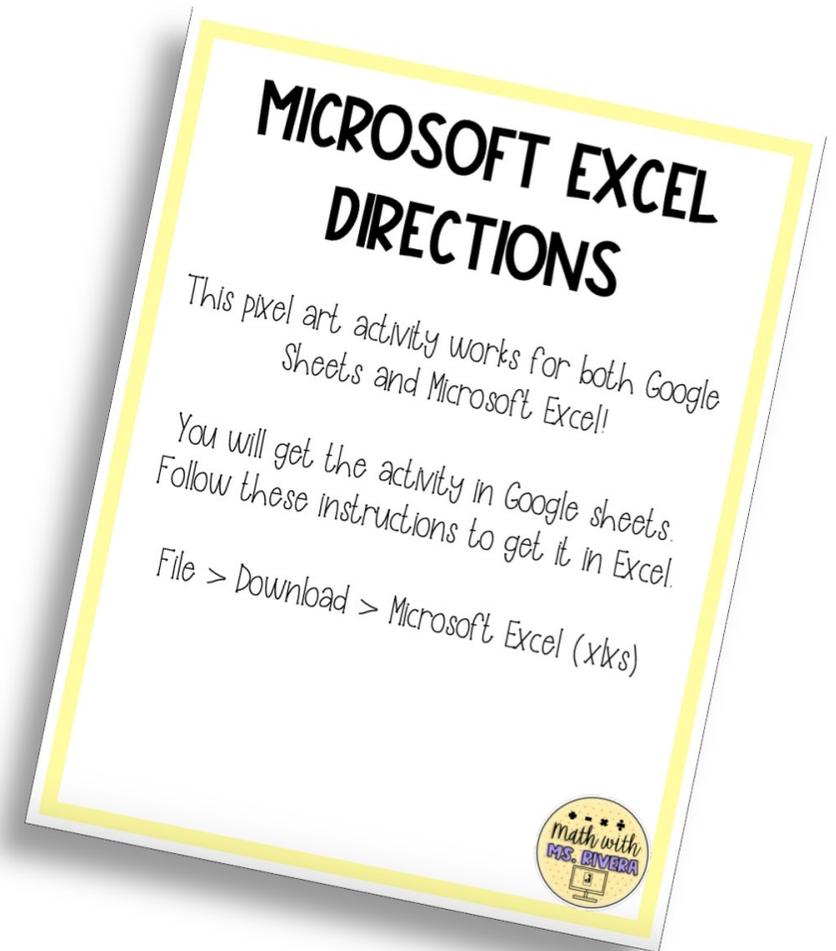
TEKs: A1.2.B

VA SOLs: E1.A.6.b



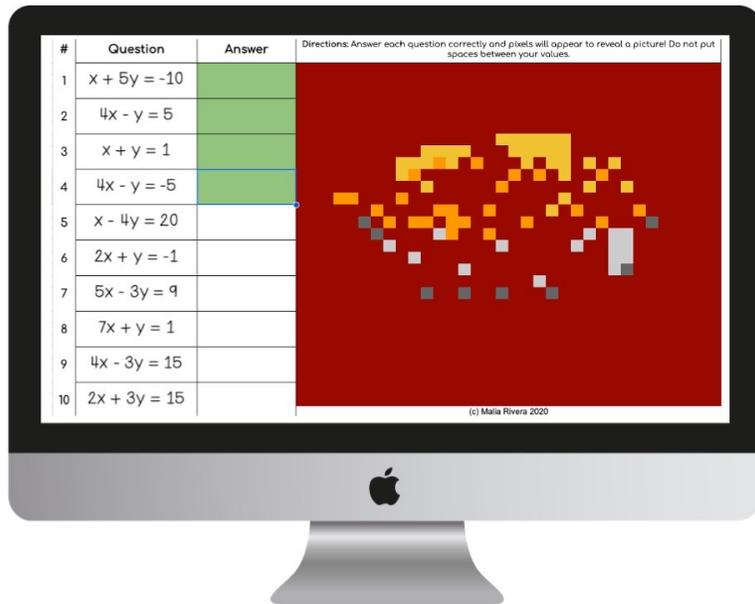
Rewriting into Function Form Pixel Art

Can be used with Google Sheets
and Microsoft Excel
Directions included!

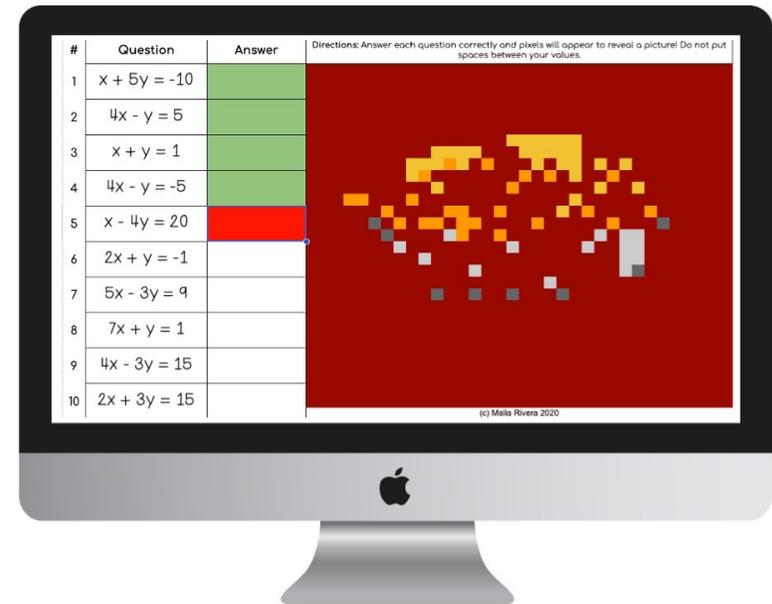


Rewriting Function Form Pixel Art

If they answer it correctly, some of the pixels will appear.

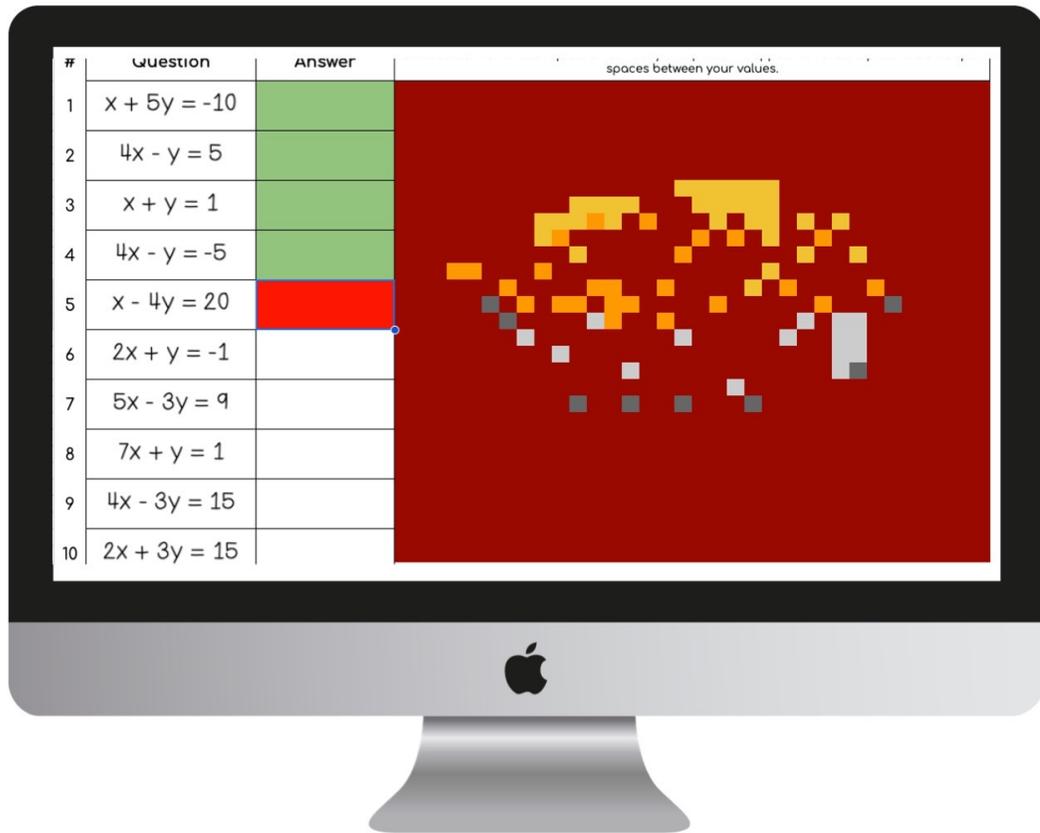


If they answer it incorrectly, the answer box will turn red & no pixels appear.



Your students will *love* trying to figure out what the picture is **WHILE** doing math!

how to use this resource



This is a great activity to use when reviewing how to rewrite standard form into function form, or slope intercept form.

It can be used right after teaching the concept or as homework.

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

You may also enjoy ...

REWRITING INTO FUNCTION FORM

Choice Board

ANSWER KEY

Directions: Choose _____ problems from each column. Rewrite each equation in slope-intercept form. Show your work in the boxes.

$7x + y = -4$ $-7x \quad -7x$ $y = -7x - 4$	$y + 2 = -3(x - 2)$ $y + 2 = -3x + 6$ $y = -3x + 4$
$x + y = 5$ $-x \quad -x$ $y = -x + 5$	$y - 1 = -5(x + 1)$ $y - 1 = -5x - 5$ $+1 \quad +1$ $y = -5x - 4$
$11x - y = 6$ $-11x \quad -11x$ $-y = -11x + 6$ $+1 \quad +1$ $y = -11x + 5$	$y + 4 = 6(2x - 1)$ $y + 4 = 12x - 6$ $-4 \quad -4$ $y = 12x - 10$

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WRITING IN SLOPE INTERCEPT FORM REVIEW

#	Question	Answer
1	$m = -9/4$ & $(0, -4)$	
2	$m = 1$ & $(5, 3)$	
3	$(3, 2)$ & $(-3, -4)$	
4	$m = -4$ & $(0, 1)$	
5	$m = 2$ & $(3, 2)$	
6	$(-1, 0)$ & $(1, -2)$	
7	$m = 2$ & $(0, -3)$	
8	$m = -9$ & $(-1, 5)$	
9	$(-4, 4)$ & $(2, -3)$	
10	$m = -1$ & $(0, -4)$	
11	$m = -1/3$ & $(3, 4)$	
12	$(-5, 5)$ & $(5, -1)$	

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Self-Checking

WRITING IN SLOPE INTERCEPT FORM

Digital & Print Activity Pack

10 Activities

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Free Algebra Activities!

When you join my email list, I'll send you a free Algebra print & digital self-checking activities. There is an Algebra 1 and Algebra 2 version!

You'll also be getting exclusive freebies and content to help your Algebra students be successful this school year!

check it out!

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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