

keep scrolling to
get a sneak peek!

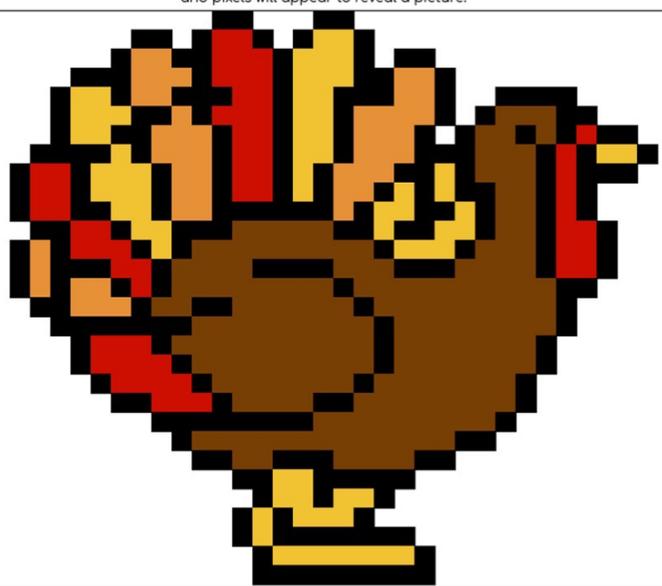
Help your Algebra 1 students practice rewriting linear equations into slope-intercept form. Students will be eager to get the self-checking benefits from this digital pixel art activity!

WRITING IN SLOPE INTERCEPT FORM

Directions: Convert each linear function into slope-intercept form. Answer each question correctly and pixels will appear to reveal a picture!

#	Linear Function	Slope-Intercept Form
1	$-y + 2 = -3x$	
2	$y - 2 = 2(x - 2)$	
3	$2x + y = -6$	
4	$5x + 3y = -21$	
5	$y + 2 = 3(x - 1)$	
6	$y + 1 = -2(x + 1)$	
7	$2x - 3y = -3$	
8	$16 + 5x - 4y = 0$	
9	$y + 2 = -\frac{2}{5}(x - 5)$	
10	$7x - 2y = 8$	
11	$2x - y = -5$	
12	$x - 4y = -4$	
13	$y - 2 = 7(x + 4)$	
14	$y - 2 = 6(x - 1)$	

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Self-Checking

Why do you need this?



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

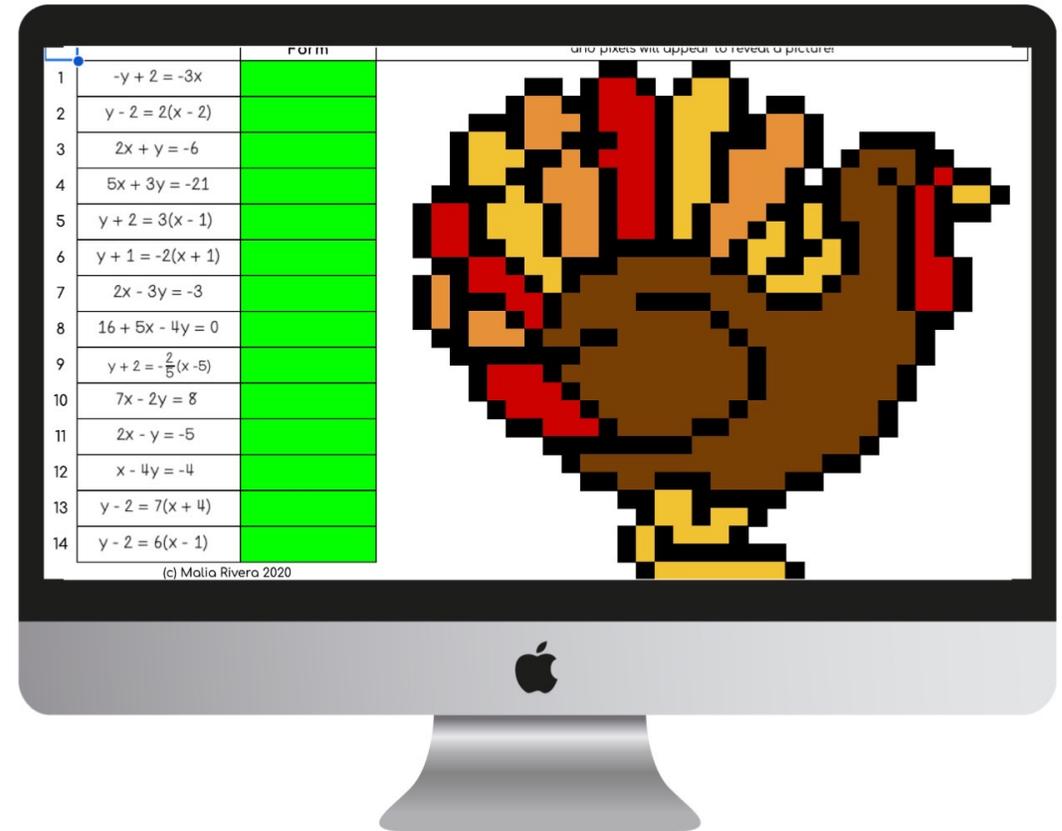


Help your students practice this essential math skill.

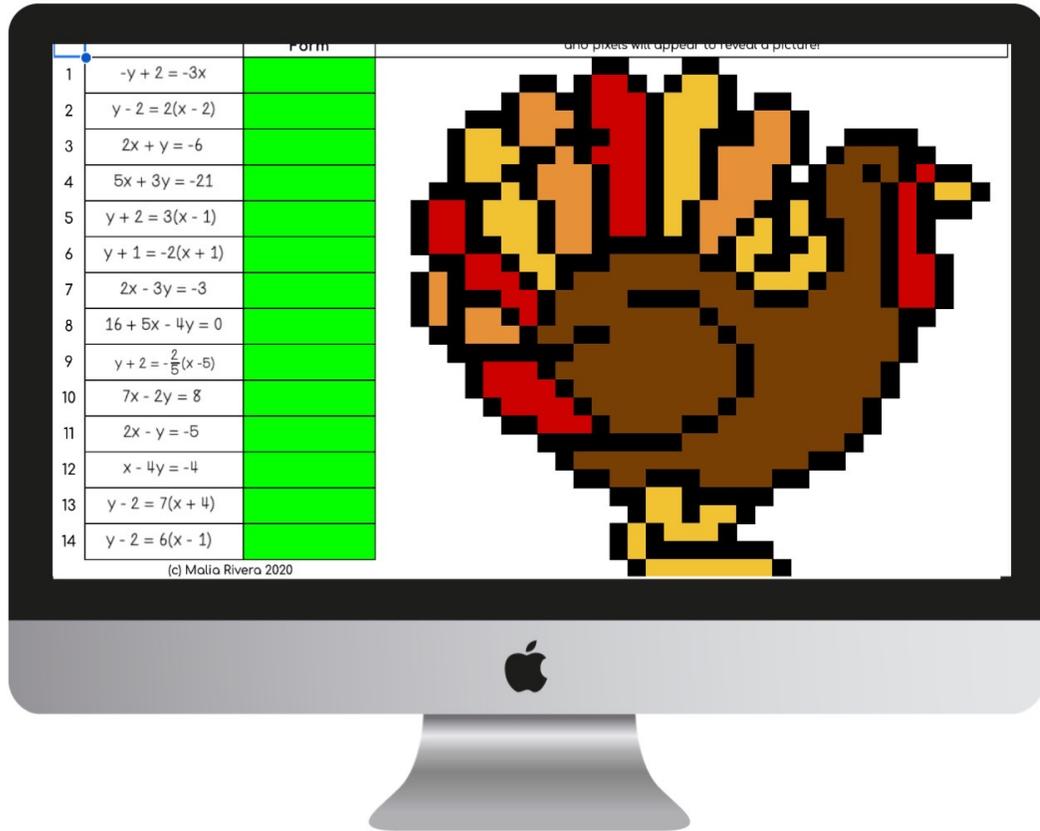


Your students will be so engaged trying to figure out what the picture is!

Writing in Slope-Intercept Form Pixel Art



Writing in Slope Intercept Form Pixel Art includes:



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

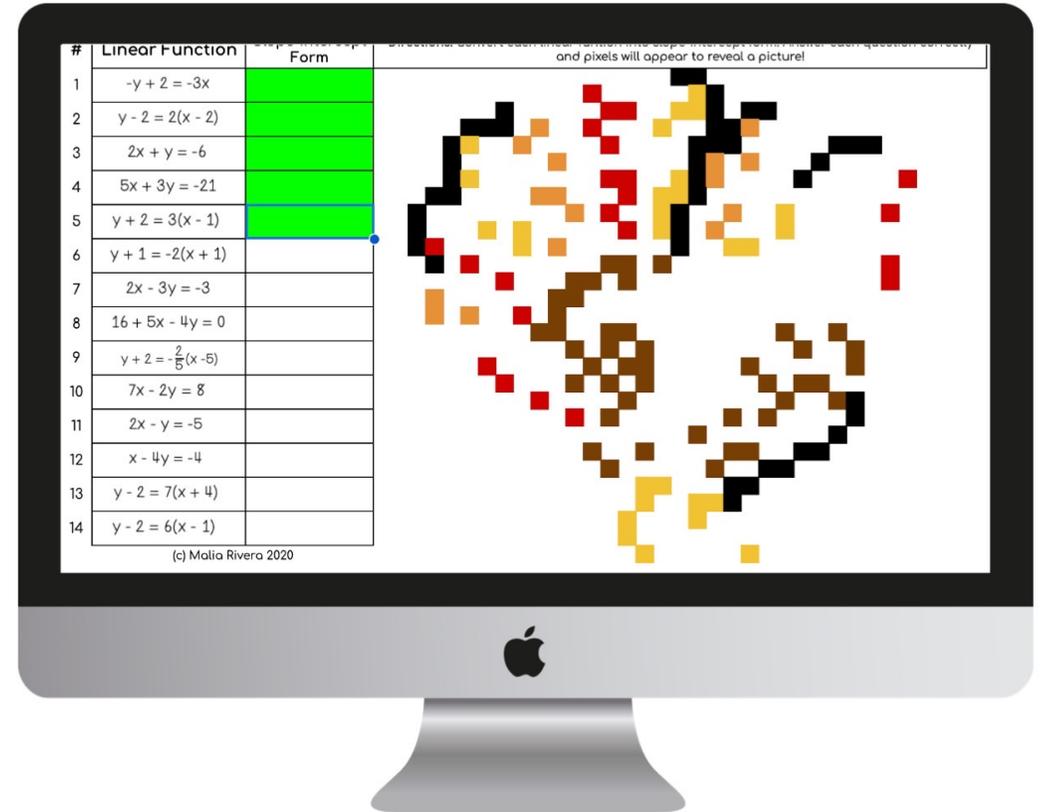
Writing in Slope Intercept Form Pixel Art

standards covered:

CCSS: HSA-CED.A.2

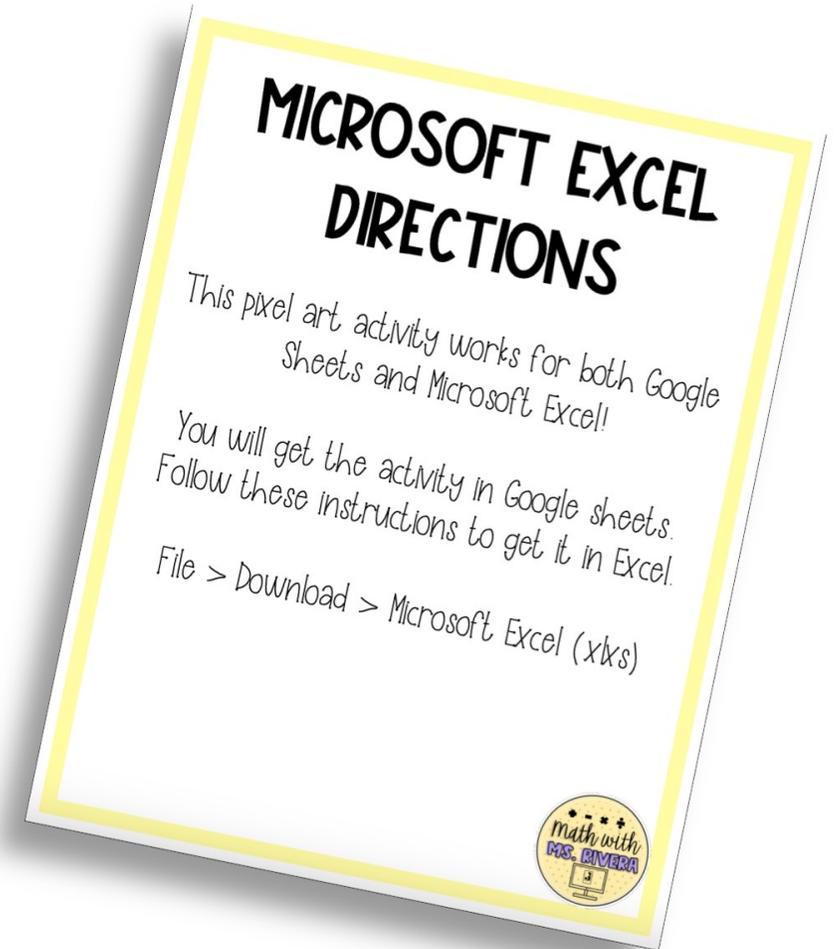
TEKs: A1.12.E

VA SOLs: EI.A.6.b



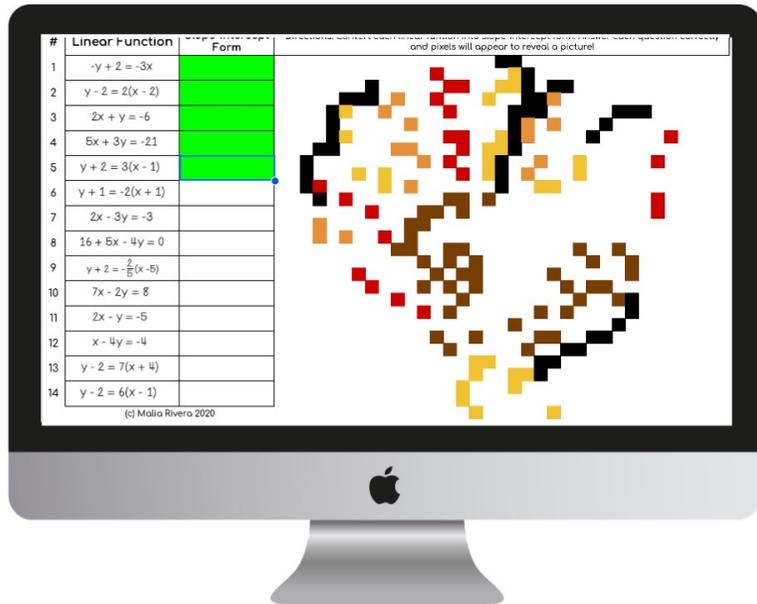
Writing in Slope Intercept Form Pixel Art

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

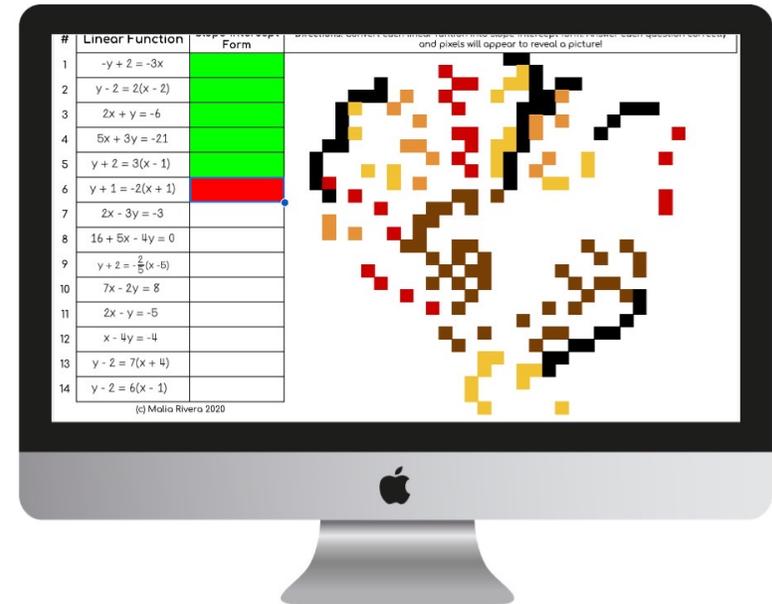


Writing in Slope Intercept Form Pixel Art

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

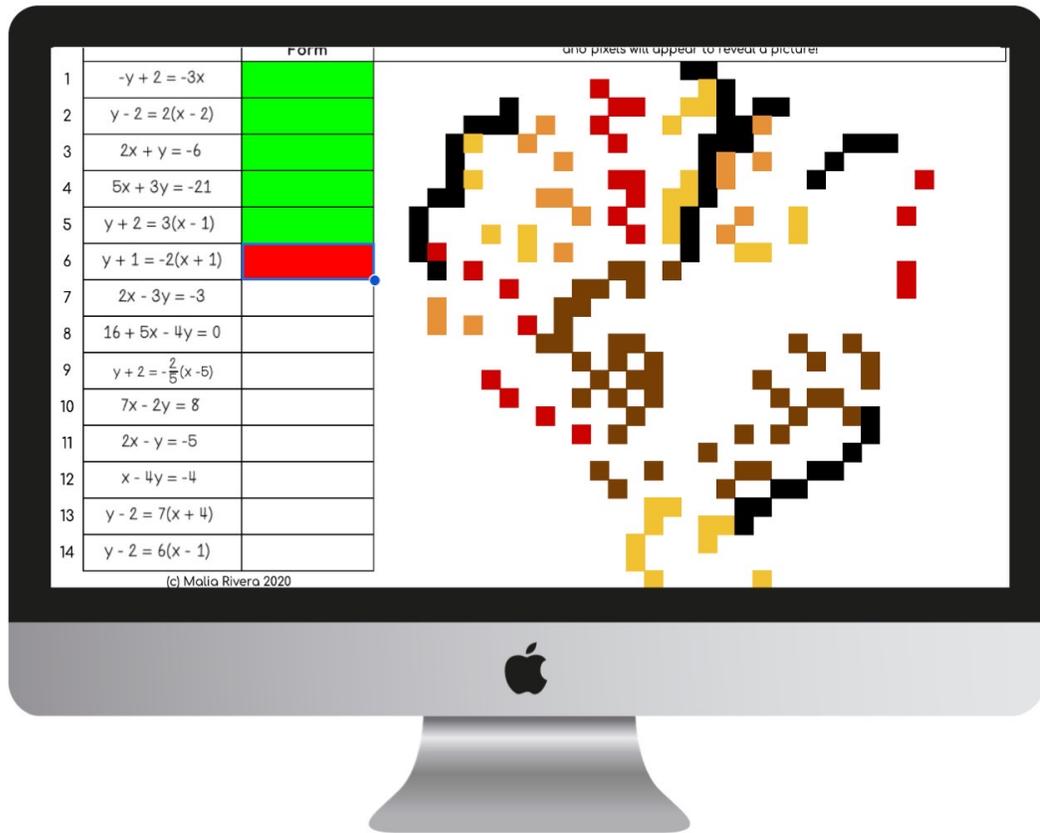


If they answer it incorrectly, the answer box will turn red & no pixels appear.



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 linear equations into slope-intercept form.

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

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

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: Simplify each rational expression. Show your work.

Solving Systems of Equations
Name: _____ Date: _____
Solve each system of equations using substitution or elimination. Check your solution.
2. $2x - 6y = -18$
 $x = 3y - 9$
4. $2x + 6y = -1$
 $y = -2x + 3$

ANSWER KEY
Solving Systems of Equations
Systems of equations using substitution or elimination. Check your solution.
2. $2x - 6y = -18$
 $x = 3y - 9$
 $2(3y - 9) - 6y = -18$
 $6y - 18 - 6y = -18$
 $-18 = -18$
infinitely many solutions
 $y = 2 + 5$
 $y = 7$
 $(2, 7)$

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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