

keep scrolling to get
a sneak peek!

Help your Algebra 1 students
practice **writing linear
equations in point slope form
given a point and slope.**

Students will be eager to get
the self-checking benefits from
this digital pixel art activity!

WRITING IN POINT SLOPE FORM FROM POINT & SLOPE

#	Point & Slope	Equation	Directions: Write the linear equation in point-slope form that goes through the given point and slope. Example: $y-1=-1/2(x+1)$
1	(4, 2) & $m = 1/4$		
2	(-4, 5) & $m = -1$		
3	(-2, -2) & $m = 3/2$		
4	(-1, -2) & $m = 3/4$		
5	(5, -2) & $m = -4/5$		
6	(4, -1) & $m = 2$		
7	(-1, 1) & $m = 4$		
8	(-1, 5) & $m = -6$		
9	(3, -5) & $m = -4/3$		
10	(3, 2) & $m = -1$		
11	(-2, -3) & $m = 1/2$		
12	(6, -1) & $m = -3$		

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Self-Checking

Why do you need this?

Writing Point Slope Form from a Point & Slope Pixel Art



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



Help your students practice this essential math skill.



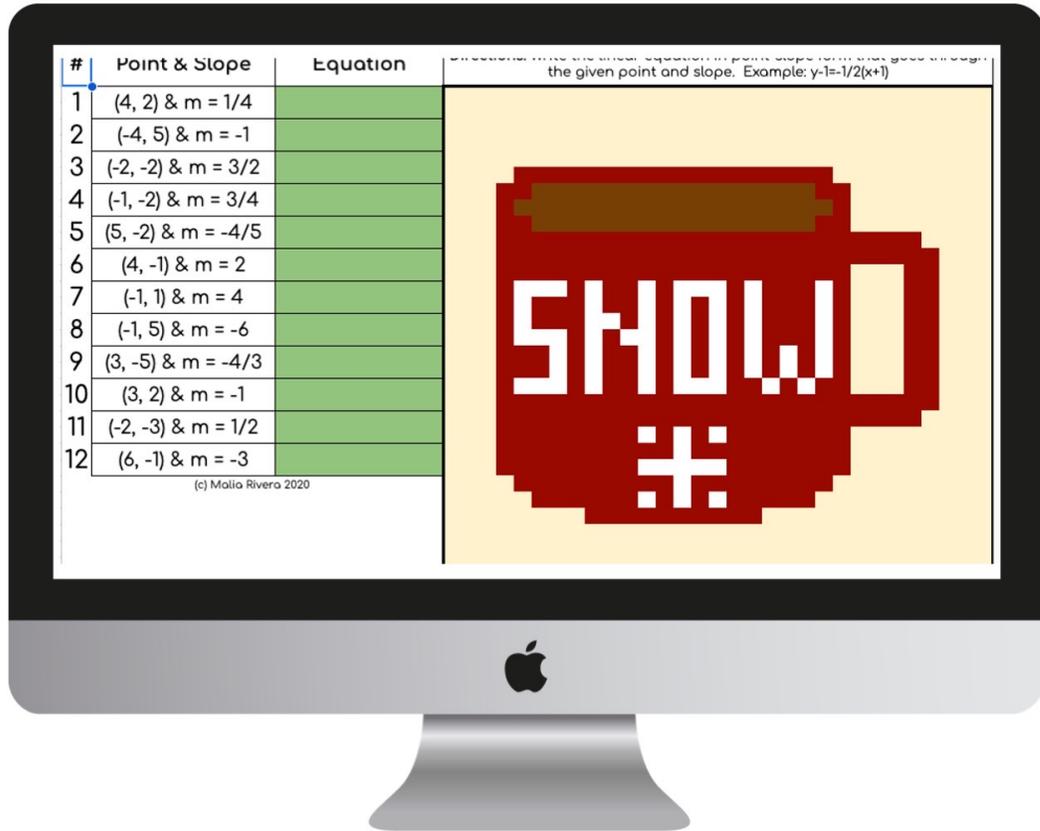
Your students will be so engaged trying to figure out what the picture is!

The monitor displays a spreadsheet with 12 rows of data. The first column is labeled '#', the second 'Point & Slope', and the third 'Equation'. The fourth column is a large yellow area containing a red pixel art mug with the word 'SHOW' written on it. The spreadsheet data is as follows:

#	Point & Slope	Equation	the given point and slope. Example: $y-1=-1/2(x+1)$
1	(4, 2) & $m = 1/4$		
2	(-4, 5) & $m = -1$		
3	(-2, -2) & $m = 3/2$		
4	(-1, -2) & $m = 3/4$		
5	(5, -2) & $m = -4/5$		
6	(4, -1) & $m = 2$		
7	(-1, 1) & $m = 4$		
8	(-1, 5) & $m = -6$		
9	(3, -5) & $m = -4/3$		
10	(3, 2) & $m = -1$		
11	(-2, -3) & $m = 1/2$		
12	(6, -1) & $m = -3$		

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Writing Point Slope Form Equations Pixel Art includes:



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

Writing Point Slope Form Equations Pixel Art

standards covered:

CCSS: HSA-CED.A.2

TEKs: A1.2.B

VA SOLs: E1.A.6.b

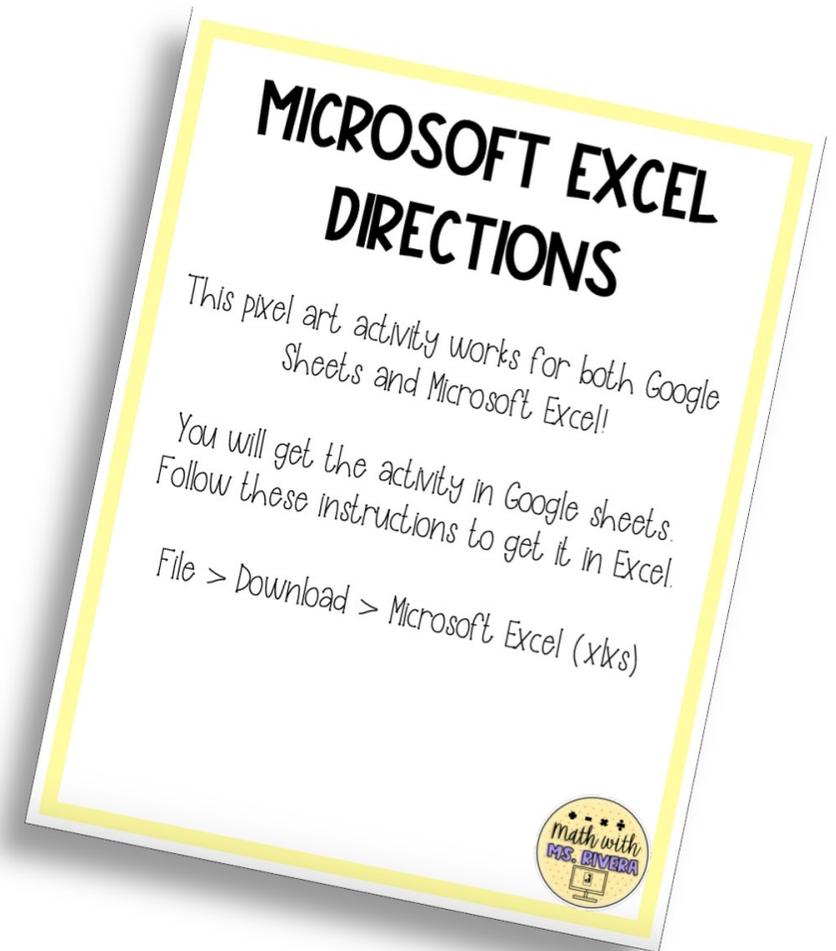
#	Point & Slope	Equation
1	(4, 2) & m = 1/4	
2	(-4, 5) & m = -1	
3	(-2, -2) & m = 3/2	
4	(-1, -2) & m = 3/4	
5	(5, -2) & m = -4/5	
6	(4, -1) & m = 2	
7	(-1, 1) & m = 4	
8	(-1, 5) & m = -6	
9	(3, -5) & m = -4/3	
10	(3, 2) & m = -1	
11	(-2, -3) & m = 1/2	
12	(6, -1) & m = -3	

Directions: Write the linear equation in point-slope form that goes through the given point and slope. Example: $y-1=-1/2(x+1)$

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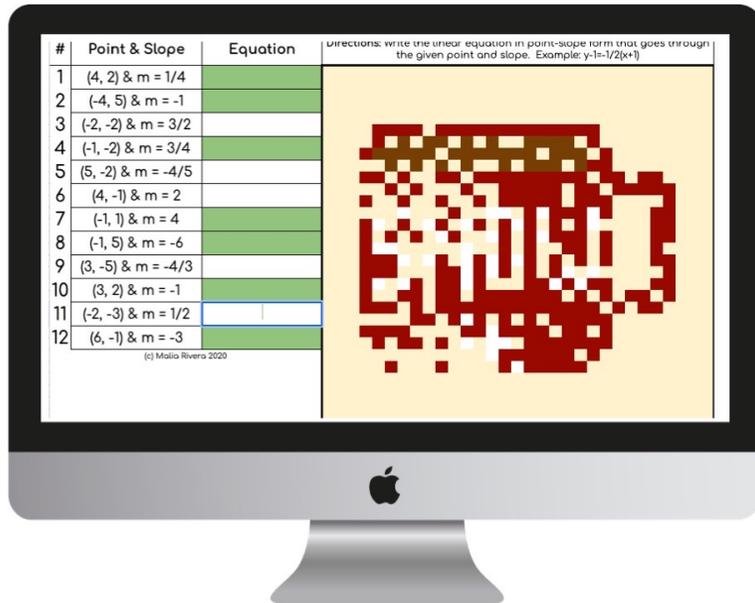
Writing Point Slope Form Equations Pixel Art

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

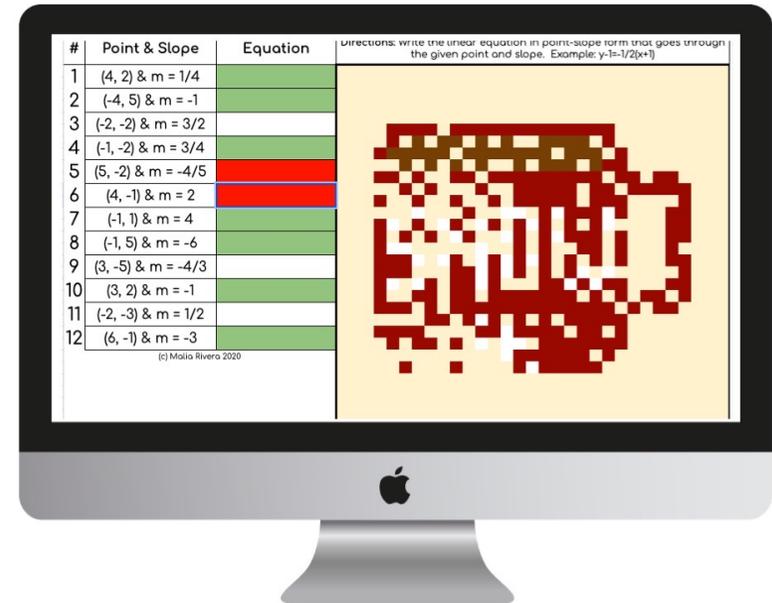


Writing Point Slope Form Equations Pixel Art

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

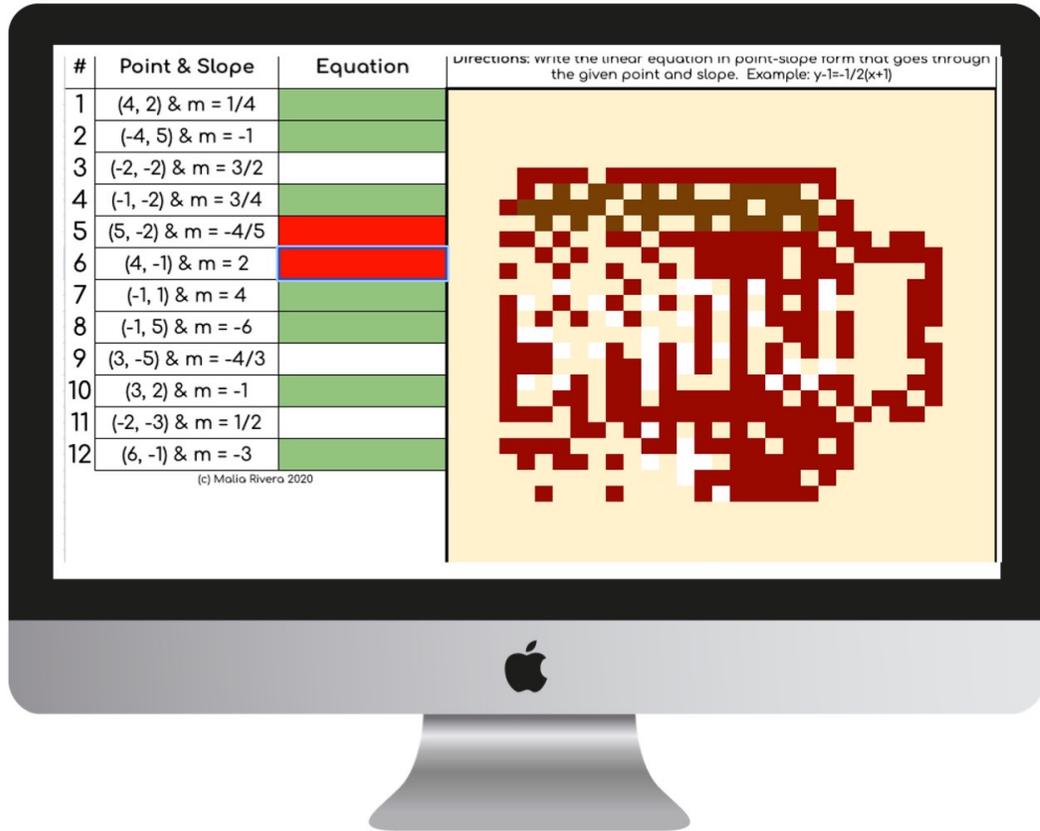


If they answer it incorrectly, the answer box will turn red & no pixels appear.



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 write linear equations in point slope form.

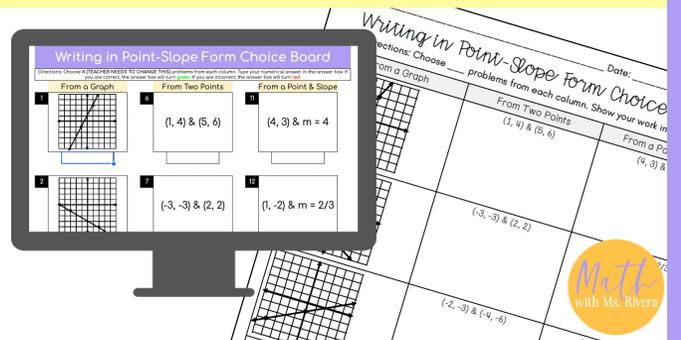
It can be used right after teaching the concept or as homework.

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

You may also enjoy ...

WRITING LINEAR EQUATIONS POINT SLOPE FORM CHOICE BOARD

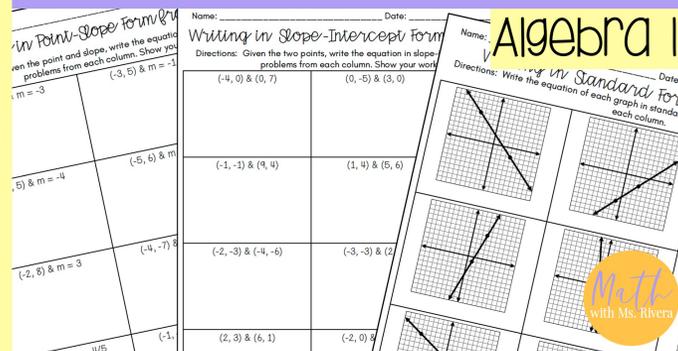
Digital & Printable



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CHOICE BOARDS BUNDLE

Writing Linear Functions

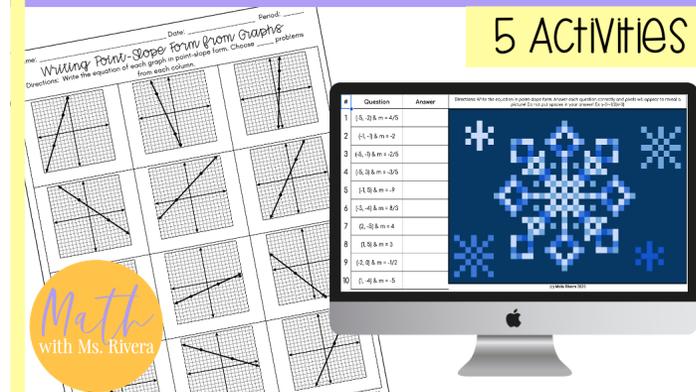


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WRITING IN POINT SLOPE FORM

Digital & Print Activity Pack

5 Activities



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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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