

keep scrolling to get
a sneak peek!

Help your students practice
**writing linear equations in
standard form given a point &
slope.** Students will be eager to
get the self-checking benefits
from this digital pixel art
activity!

WRITING STANDARD FORM FROM POINT & SLOPE

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

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Math
with Ms. Rivera

Self-Checking

Why do you need this?

Writing Standard 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.



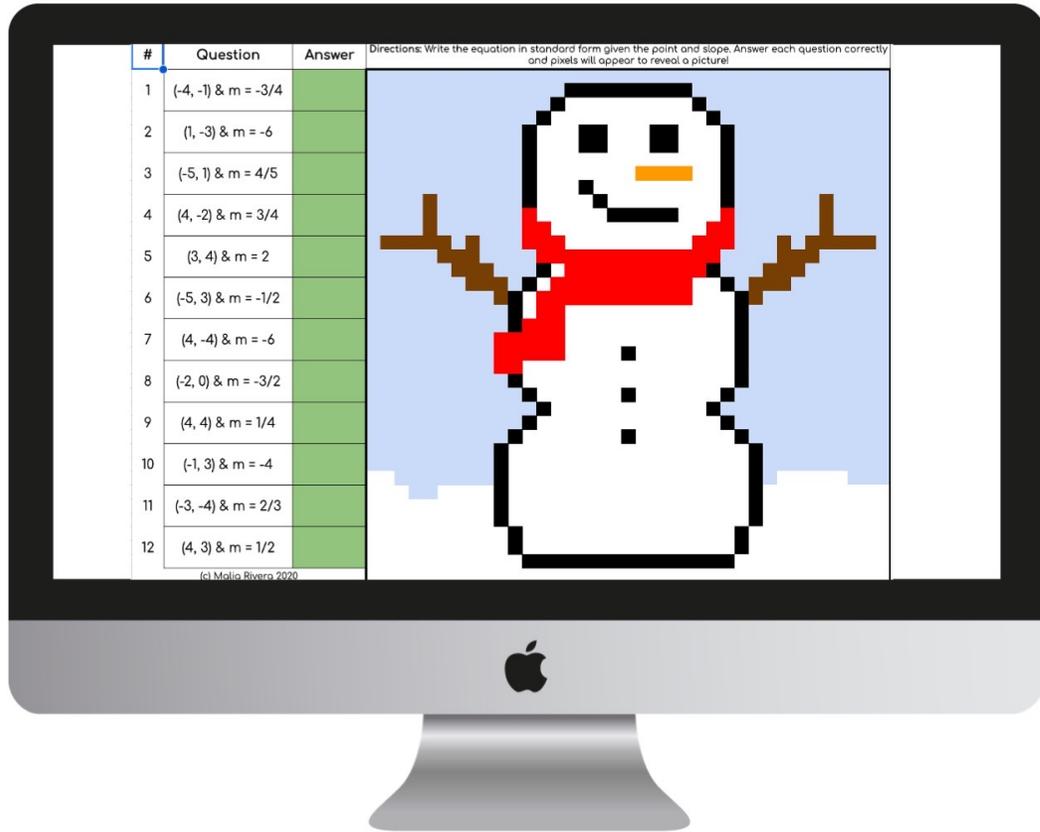
Your students will be so engaged trying to figure out what the picture is!

Directions: Write the equation in standard form given the point and slope. Answer each question correctly and pixels will appear to reveal a picture!

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

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Writing Equations in Standard Form Pixel Art *includes:*



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

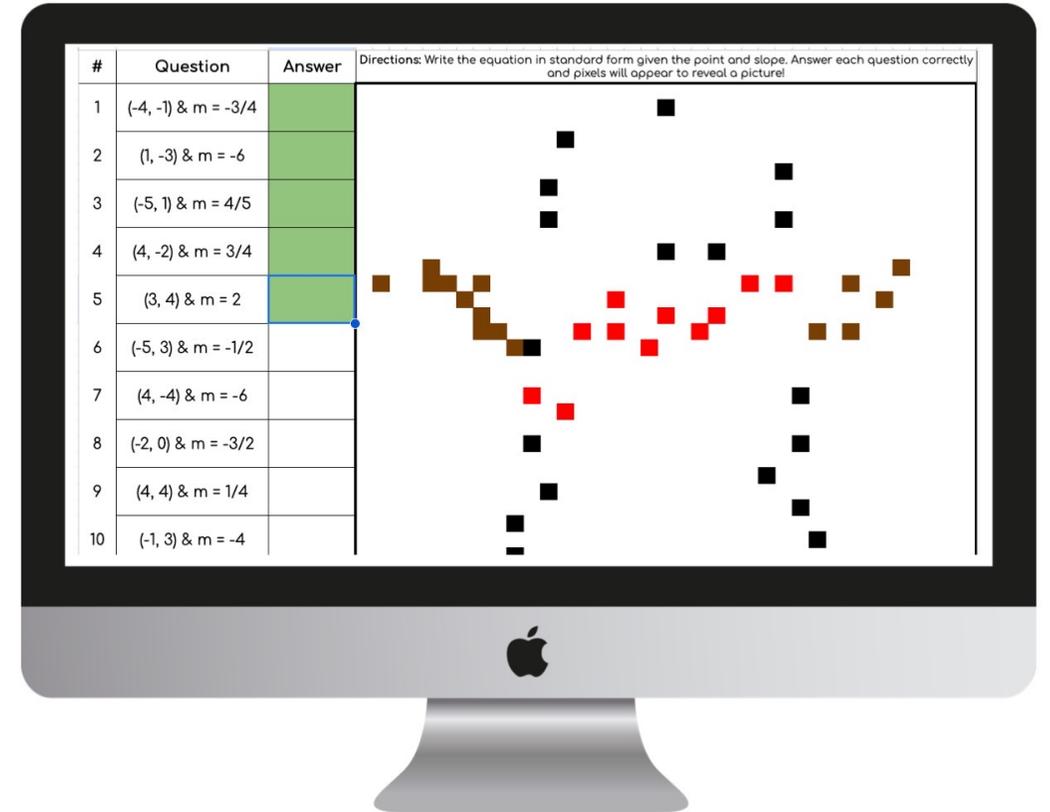
Writing in Standard Form Pixel Art

standards covered:

CCSS: HSA-CED.A.2

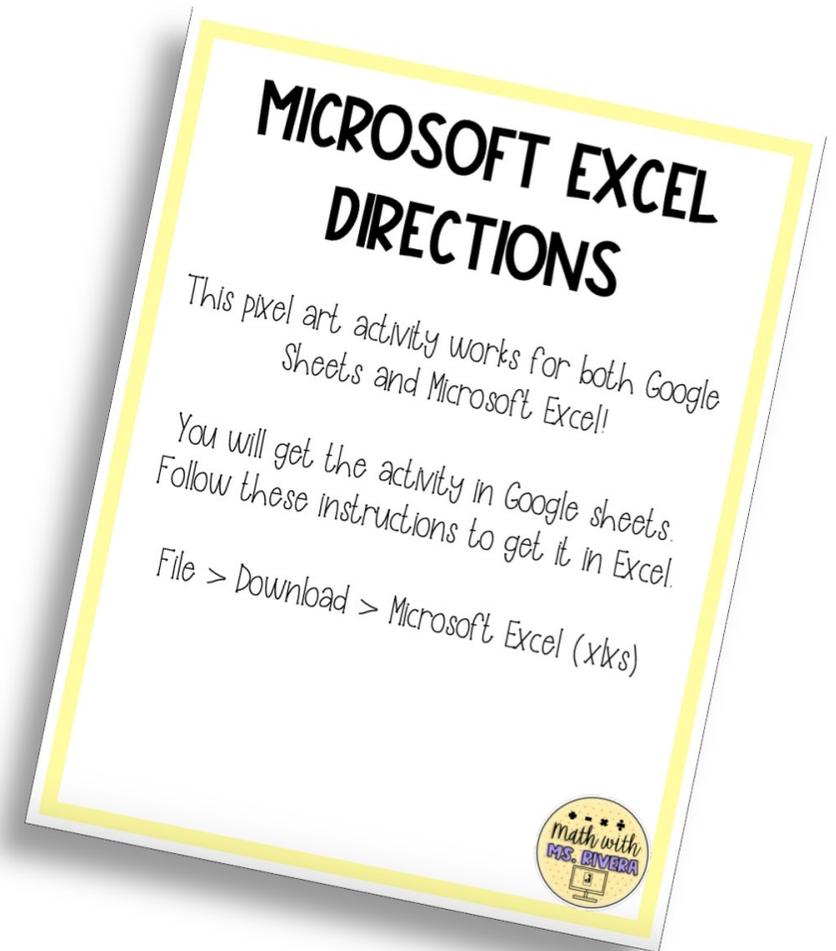
TEKs: A1.2.B

VA SOLs: E1.A.6.b



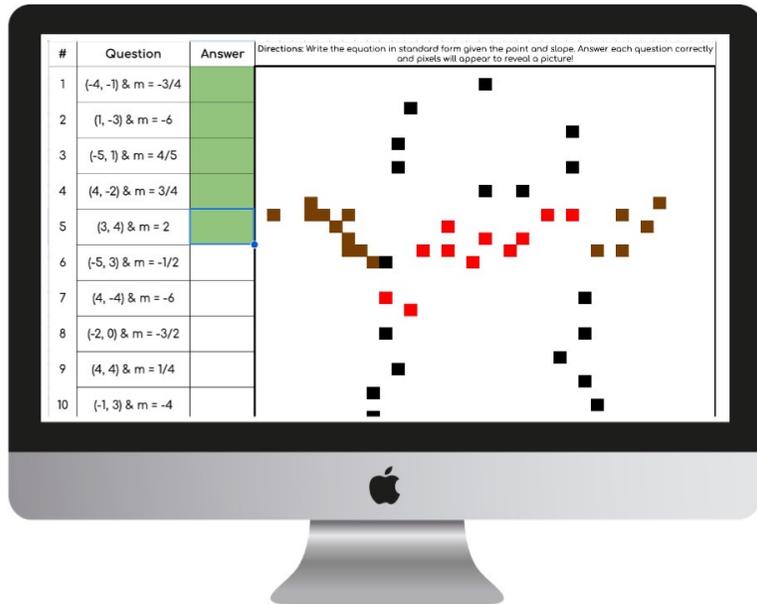
Writing in Standard Form Pixel Art

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

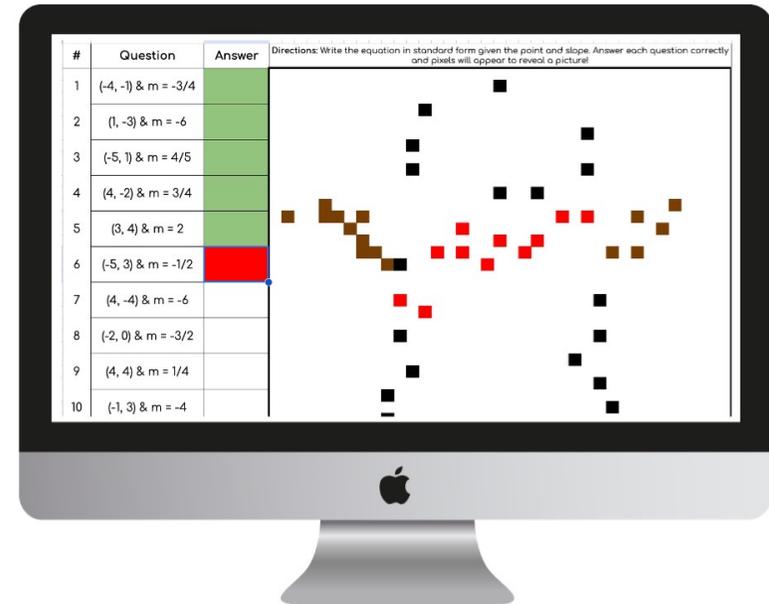


Writing in Standard Form Pixel Art

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

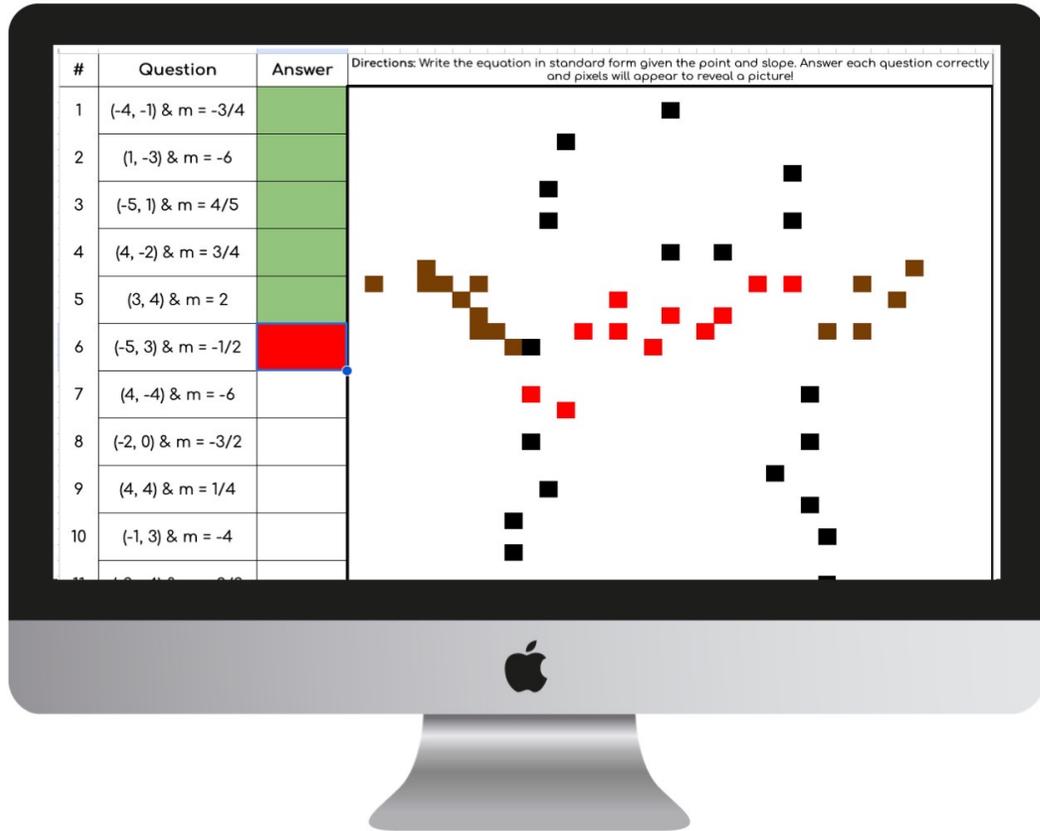


If they answer it incorrectly, the answer box will turn red & no pixels appear.



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 write linear equations in slope intercept form given a point and slope.

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

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



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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