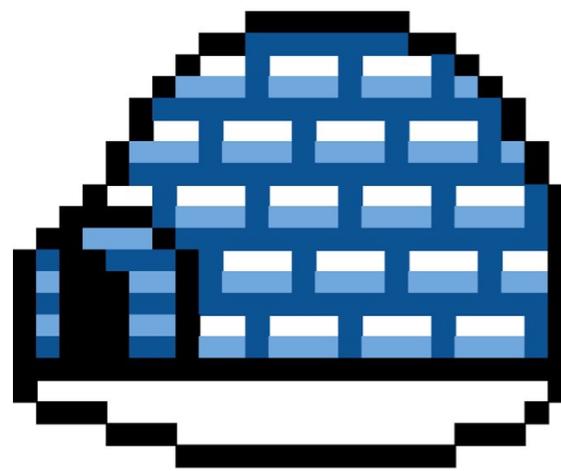*keep scrolling* to get a sneak peek!

Help your students practice **find the slope between two points**. Students will be eager to get the self-checking benefits from this digital pixel art activity!

CALCULATING SLOPE BETWEEN 2 POINTS

#	Question	Answer
1	(-8, -4) & (-20, -10)	
2	(-14, -17) & (-8, -13)	
3	(-1, -8) & (-1, 0)	
4	(-14, 13) & (-10, 3)	
5	(-16, -9) & (-19, 18)	
6	(-7, 3) & (2, 3)	
7	(19, 20) & (1, -10)	
8	(-2, 5) & (-2, -5)	
9	(-3, -10) & (1, 6)	
10	(-8, -2) & (-6, -3)	
11	(8, -2) & (10, 0)	
12	(-3, 4) & (-4, 4)	

Directions: Calculate the slope between two points. Type the answer in the answer box. If you get undefined, write "und". Keep your answer as a fraction if necessary.

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.

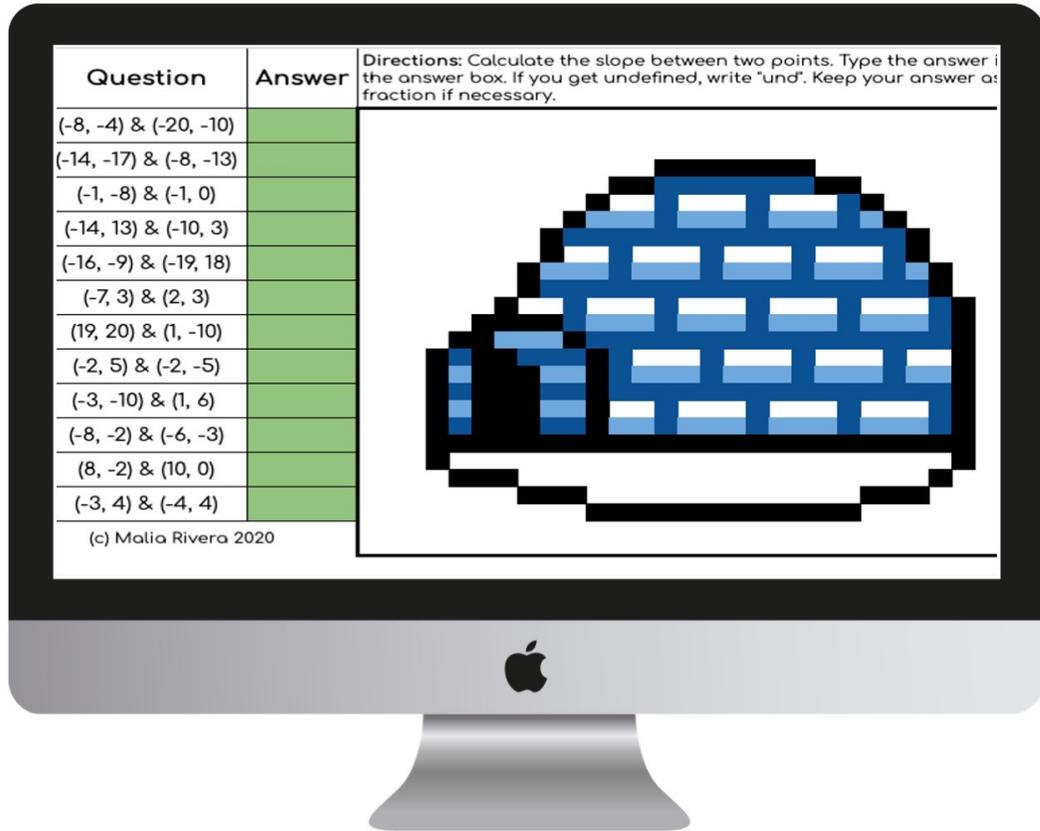✏️ Your students will be so engaged trying to figure out what the picture is!

Slope Between 2 Points Pixel Art

#	Question	Answer
1	(-8, -4) & (-20, -10)	
2	(-14, -17) & (-8, -13)	
3	(-1, -8) & (-1, 0)	
4	(-14, 13) & (-10, 3)	
5	(-16, -9) & (-19, 18)	
6	(-7, 3) & (2, 3)	
7	(19, 20) & (1, -10)	
8	(-2, 5) & (-2, -5)	
9	(-3, -10) & (1, 6)	
0	(-8, -2) & (-6, -3)	
11	(8, -2) & (10, 0)	
2	(-3, 4) & (-4, 4)	

Directions: Calculate the slope between two points. Type the answer in the answer box. If you get undefined, write "und". Keep your answer as a fraction if necessary.

(c) Malia Rivera 2020

Slope Between 2 Points Pixel Art *includes:*

Question	Answer
(-8, -4) & (-20, -10)	
(-14, -17) & (-8, -13)	
(-1, -8) & (-1, 0)	
(-14, 13) & (-10, 3)	
(-16, -9) & (-19, 18)	
(-7, 3) & (2, 3)	
(19, 20) & (1, -10)	
(-2, 5) & (-2, -5)	
(-3, -10) & (1, 6)	
(-8, -2) & (-6, -3)	
(8, -2) & (10, 0)	
(-3, 4) & (-4, 4)	

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Directions: Calculate the slope between two points. Type the answer in the answer box. If you get undefined, write "und". Keep your answer as fraction if necessary.

✅ 12 self-checking problems

✅ an answer key

✅ a self-checking version

✅ an assessment version

Slope Between 2 Points Pixel Art
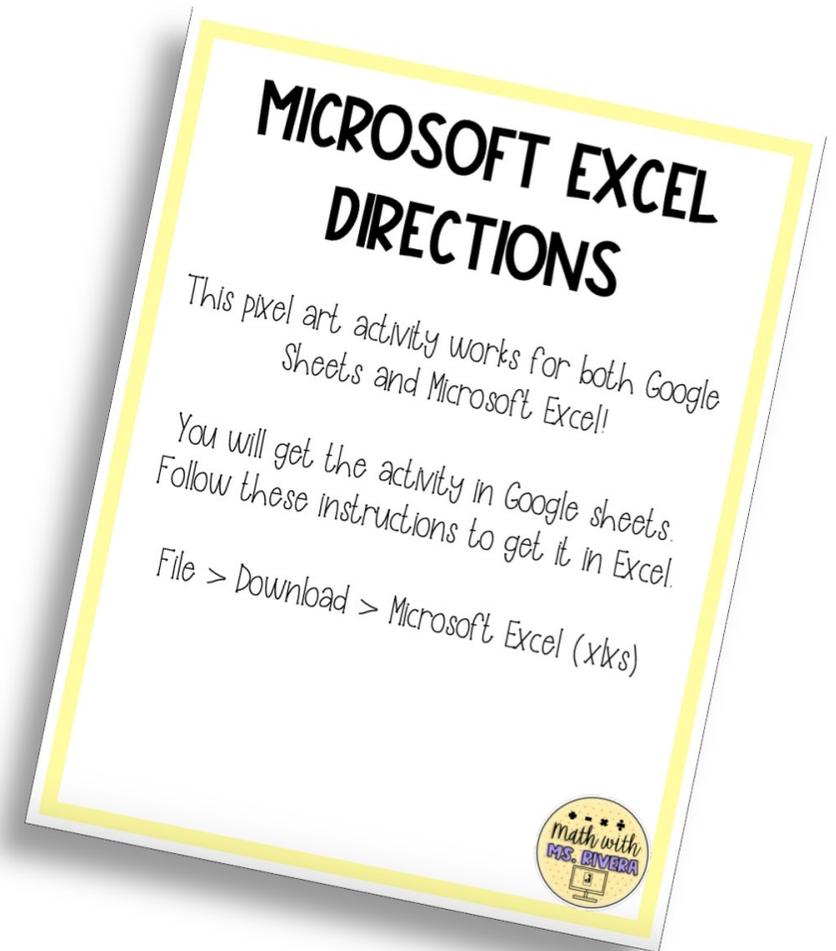
standards covered:

CCSS: 8.F.B.4, HSF-IF.B.6

TEKs: A1.3.A

VA SOLs: EI.A.6.a

#	Question	Answer
1	(-8, -4) & (-20, -10)	
2	(-14, -17) & (-8, -13)	
3	(-1, -8) & (-1, 0)	
4	(-14, 13) & (-10, 3)	
5	(-16, -9) & (-19, 18)	
6	(-7, 3) & (2, 3)	
7	(19, 20) & (1, -10)	
8	(-2, 5) & (-2, -5)	
9	(-3, -10) & (1, 6)	
10	(-8, -2) & (-6, -3)	
11	(8, -2) & (10, 0)	
12	(-3, 4) & (-4, 4)	

the answer box. If you get undefined, write "und". Keep your answer as a fraction if necessary.

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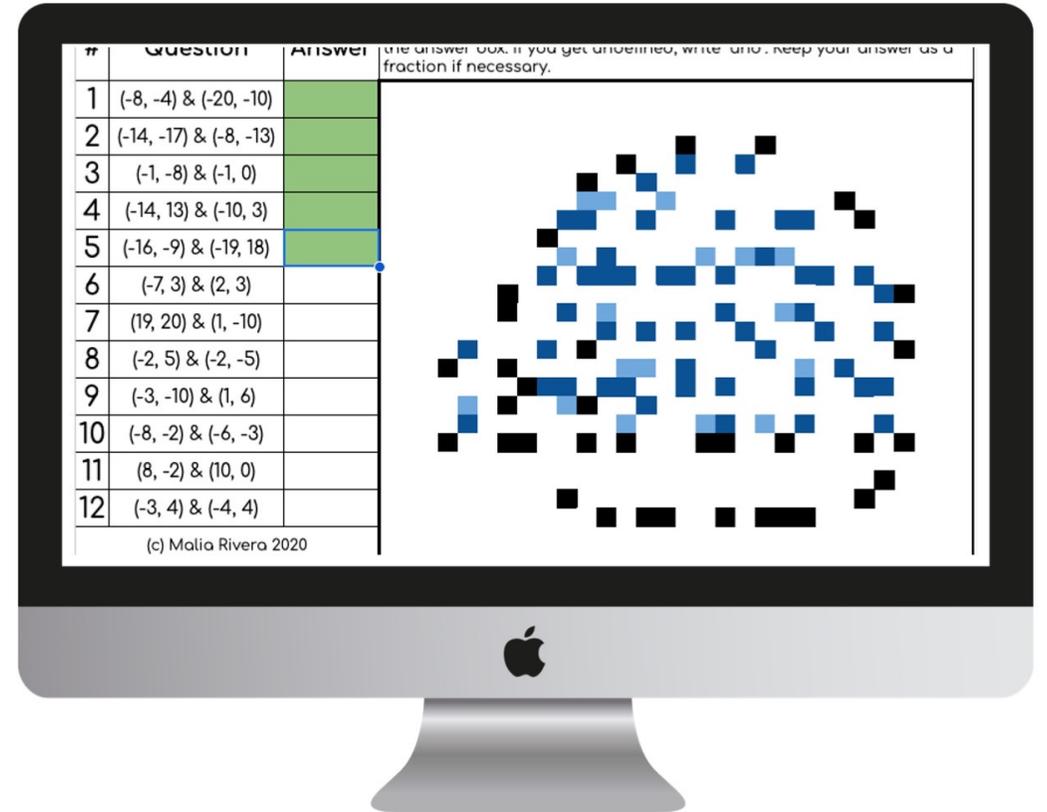
Slope Between 2 Points Pixel Art

Can be used with Google Sheets
and Microsoft Excel

Directions included!

MICROSOFT EXCEL DIRECTIONS

This pixel art activity works for both Google Sheets and Microsoft Excel!

You will get the activity in Google sheets. Follow these instructions to get it in Excel.

File > Download > Microsoft Excel (xlsx)

math with
MS. RIVERA

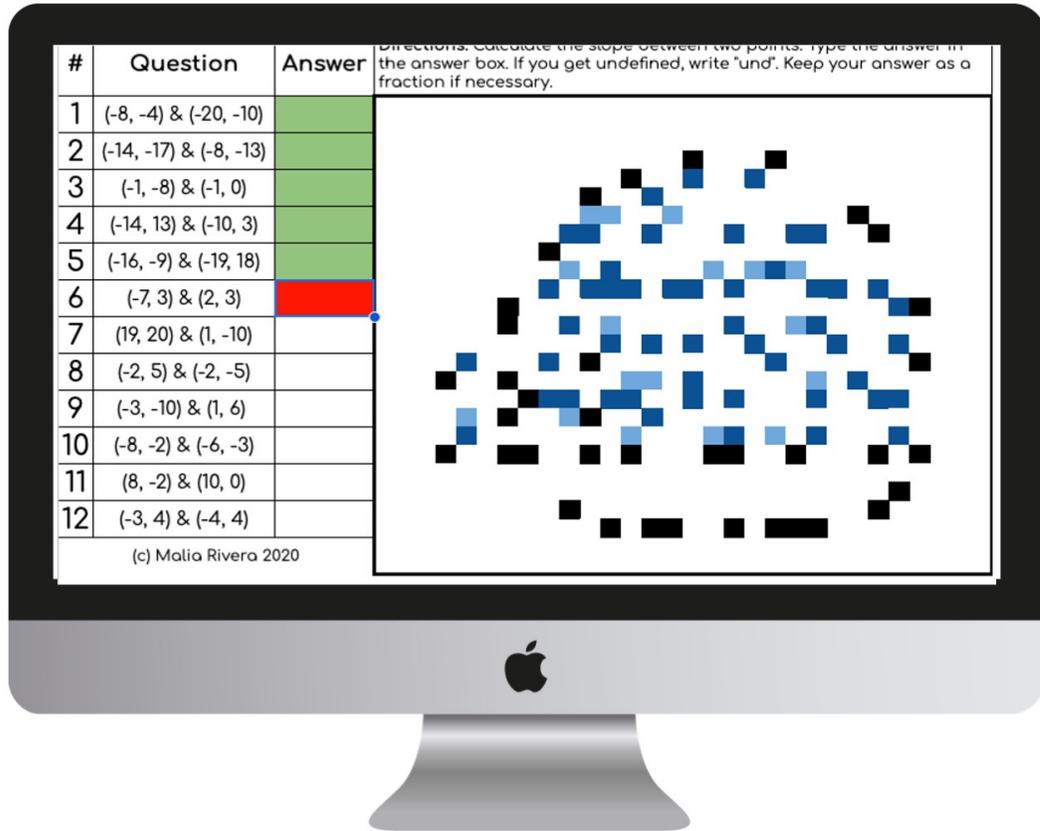# Slope Between 2 Points Pixel Art

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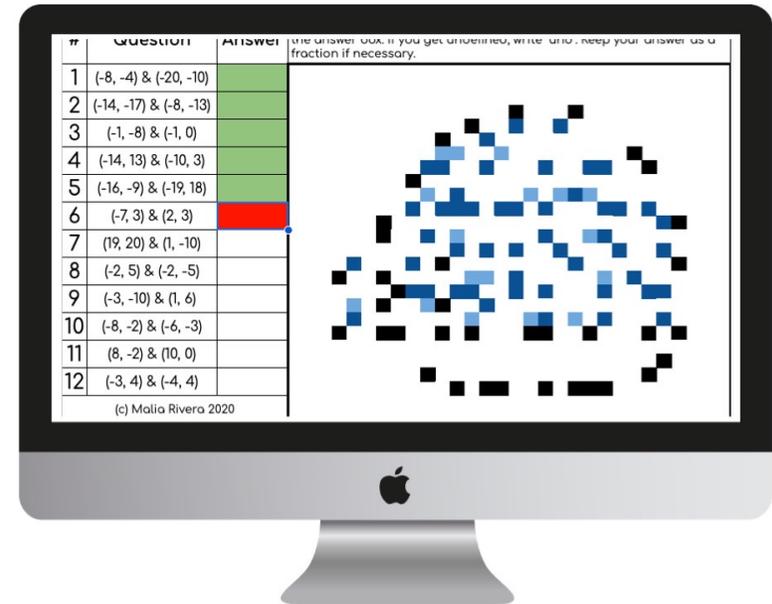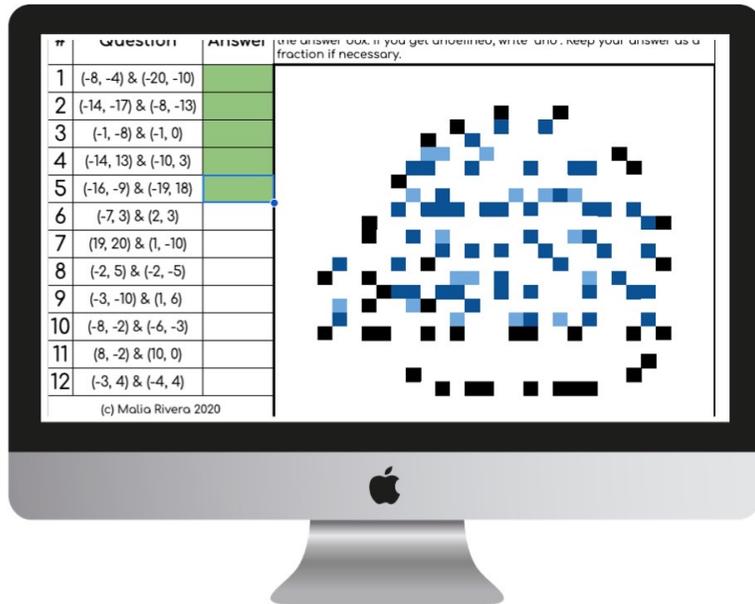
Your students will *love* tying to figure out what the picture is WHILE doing math!

This is a great activity to use when reviewing how to find the slope given two points on the line.

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

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

Table shown on screen:

#	Question	Answer	Directions: Calculate the slope between two points. Type the answer in the answer box. If you get undefined, write "und". Keep your answer as a fraction if necessary.
1	(-8, -4) & (-20, -10)		
2	(-14, -17) & (-8, -13)		
3	(-1, -8) & (-1, 0)		
4	(-14, 13) & (-10, 3)		
5	(-16, -9) & (-19, 18)		
6	(-7, 3) & (2, 3)		
7	(19, 20) & (1, -10)		
8	(-2, 5) & (-2, -5)		
9	(-3, -10) & (1, 6)		
10	(-8, -2) & (-6, -3)		
11	(8, -2) & (10, 0)		
12	(-3, 4) & (-4, 4)		

(c) Malia Rivera 2020

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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