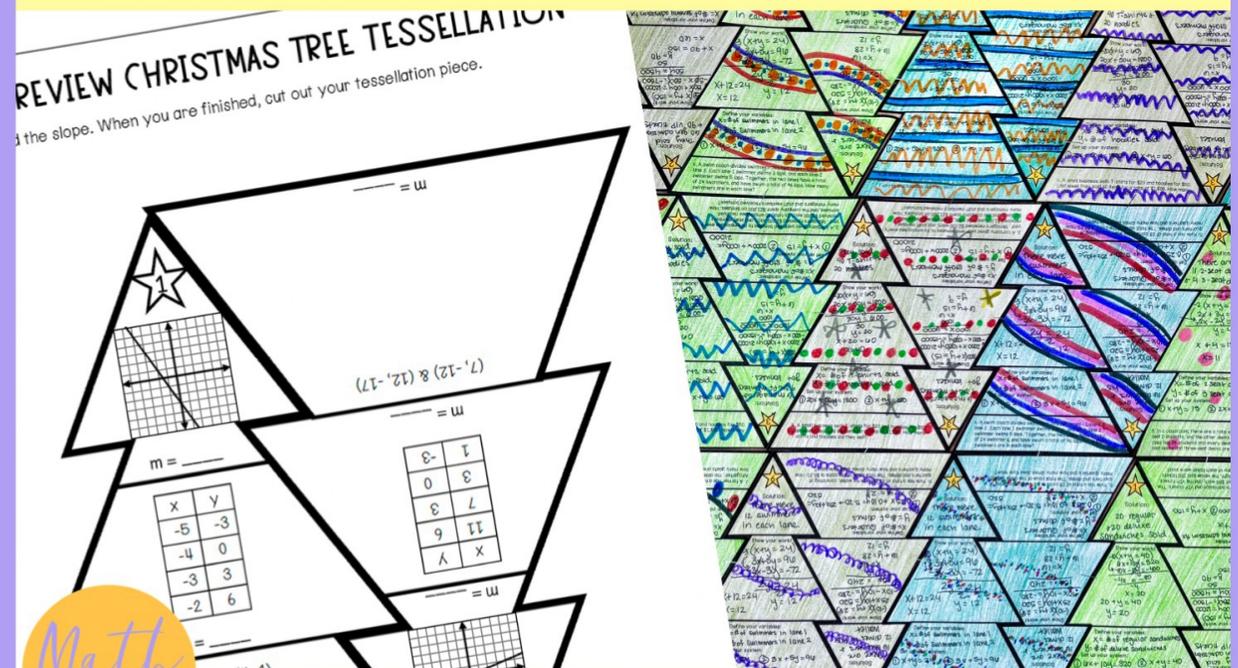


keep scrolling to
get a sneak peek!

If you're looking for a new way to get your students practicing math, this is the resource for you! With this **slope review** collaborative activity, students will find slope from **graphs, tables & 2 points** on each tessellation piece. Assembling all the students' pieces creates one large holiday tessellation to display on your classroom bulletin board.

SLOPE FROM GRAPHS, TABLES & 2 POINTS

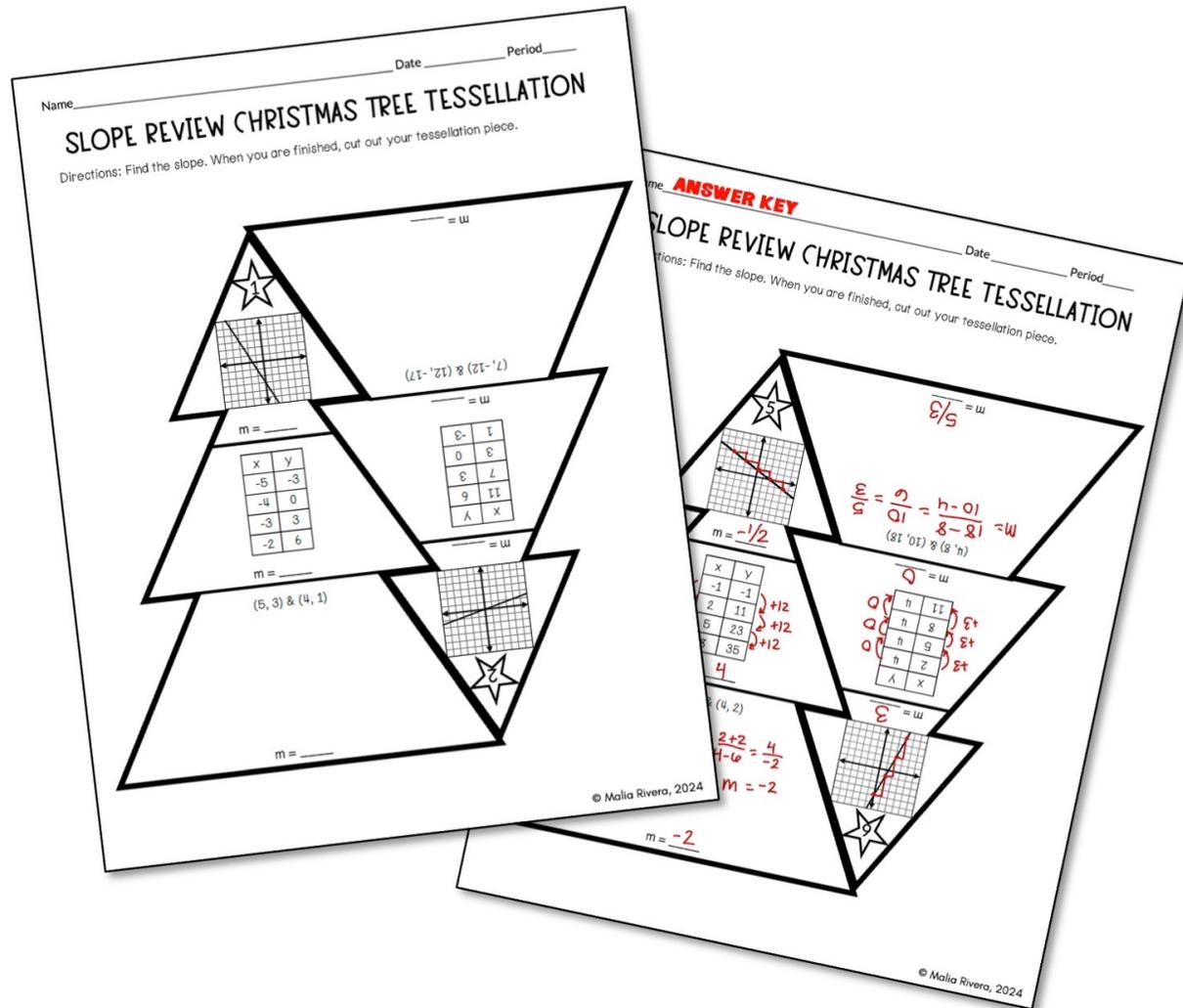
collaborative Tessellation



Christmas Tree bulletin board

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Finding Slope Review Collaborative Tessellation *includes:*



- ✓ 3 blank tessellation pages per student
- ✓ 18 questions total - 6 graphs, 6 tables, 6 sets of points
- ✓ an answer key
- ✓ teacher instructions
- ✓ editable version

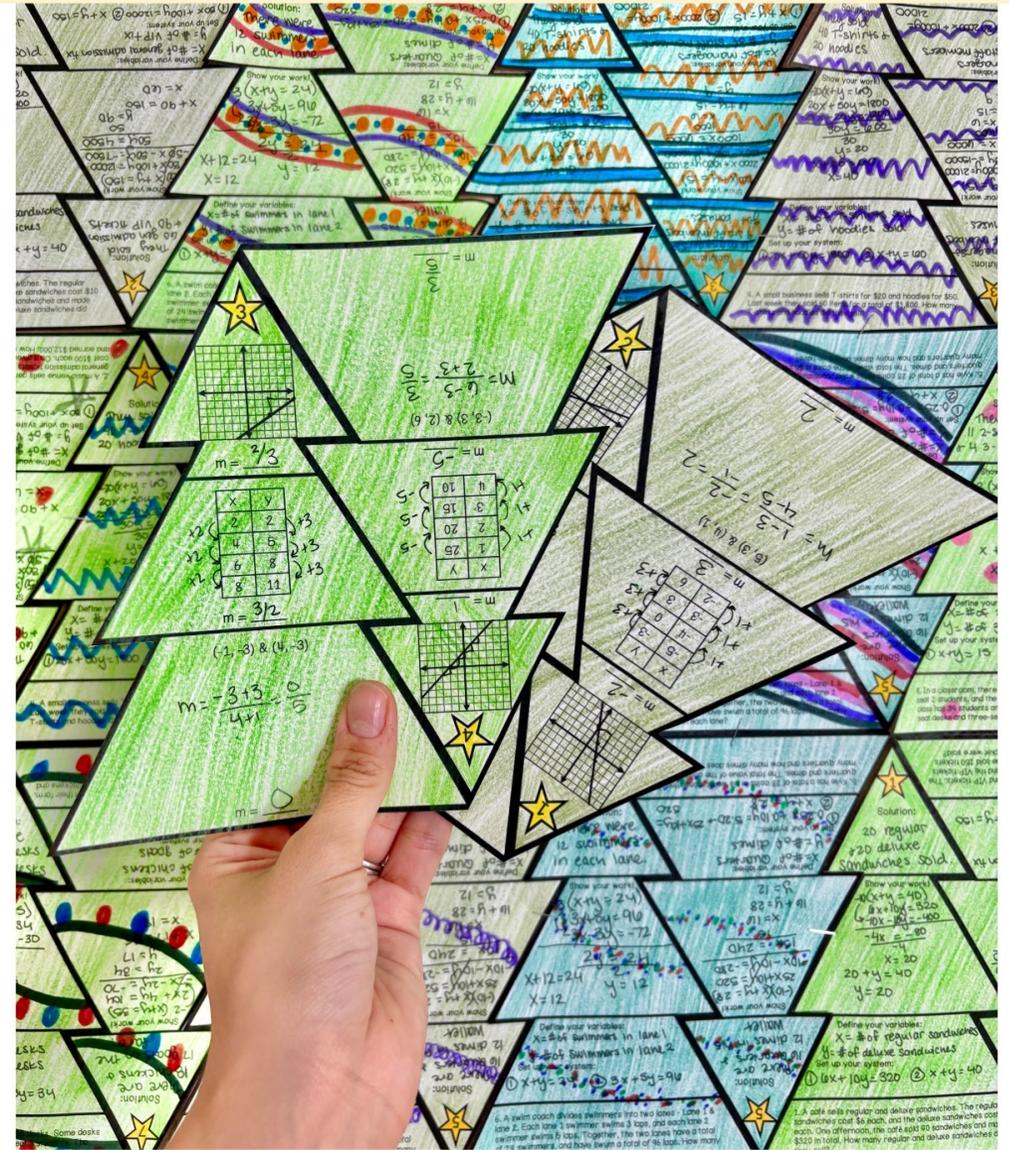
Finding Slope Review Collaborative Tessellation

standards covered:

CCSS: 8.F.B.4

TEKs: 8.4.A, 8.4.C

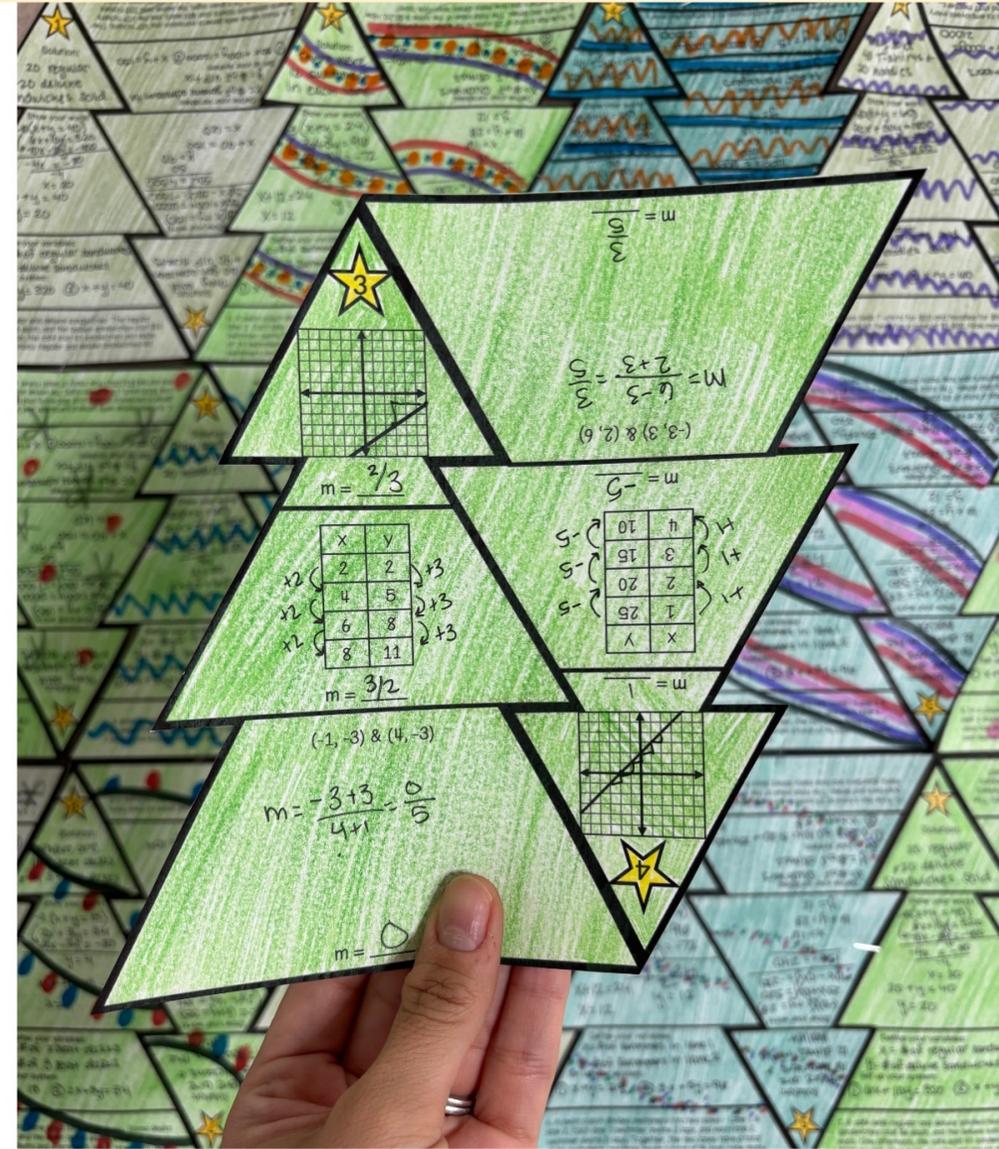
VA SOLs: PFA.8.16.ab, EL.A.6.a



Finding Slope Review Collaborative Tessellation

skills included:

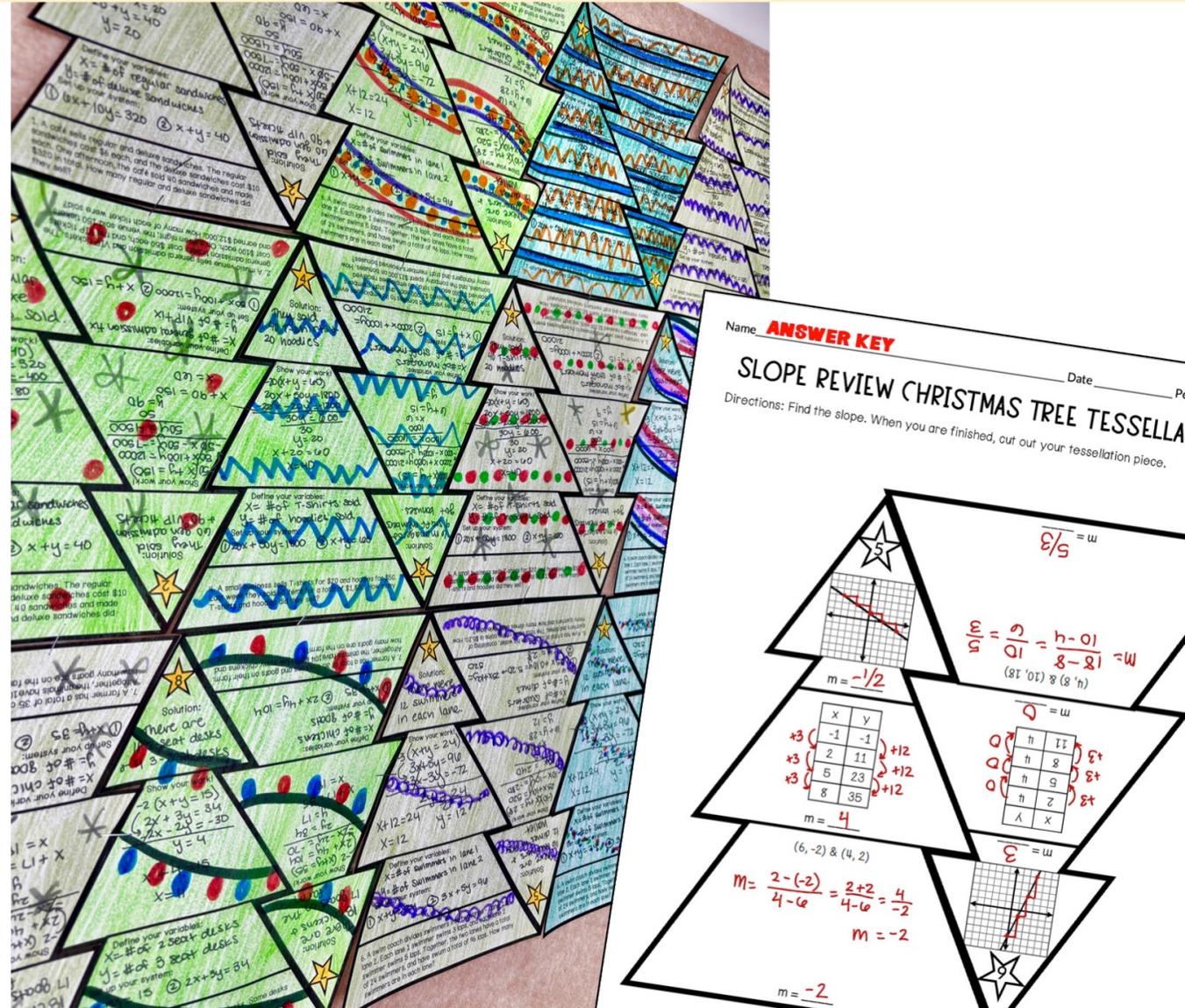
- Slope from graphs
- Slope from tables
- Slope formula
- Simplifying fractions
- Identifying a zero slope



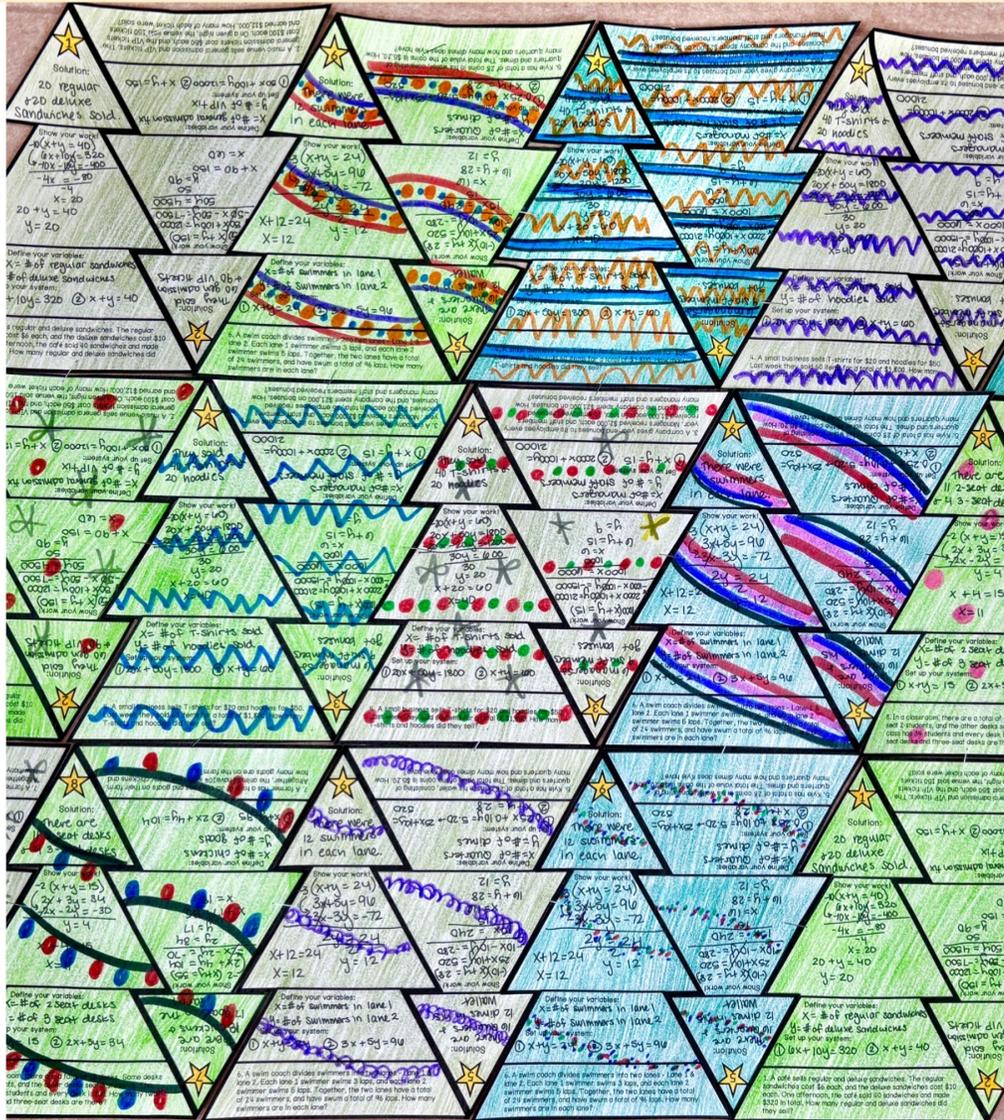
Finding Slope Review Collaborative Tessellation

Once all the student pieces are finished, it will create one large, colorful tessellation bulletin board display.

Students, Teachers, Staff and Parents will love looking at the display of your students' work on your classroom wall!



how to use this resource



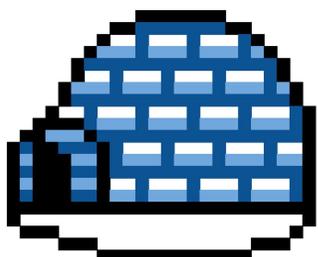
- Print or make copies - I print on white so my students can decorate each piece how they want.
- Students will answer the questions on each Christmas tree
- Collect all the students' pieces & put it up on the bulletin board to create one big, festive Christmas tree design

You may also enjoy ...

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 "undef". Keep your answer as a fraction if necessary.



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Math with Ms. Rivera

Self-Checking

FINDING SLOPE FROM TABLES

Worksheet

ANSWER KEY

Directions: Identify each slope from the given table. Write your answer in the space provided.

x	y
0	-1
2	3
4	7
6	11

$m = 2$

x	y
-2	-20
-1	-23
0	-26
1	-29

$m = -3$

x	y
1	3
4	8
7	13
10	18

$m = 1$

x	y
-1	-1
2	11
5	23
8	35

$m = 4$

x	y
2	2
4	4
6	6
8	8

$m = 1$

x	y
2	4
4	8
6	12
8	16

$m = 1$

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Answer key included

FINDING SLOPE

Digital & Print Activity Pack

10 Activities

Identifying Slope from Tables

Directions: Identify each slope from the given table. Write your answer in the space provided.

x	y
1	3
4	8
7	13
10	18

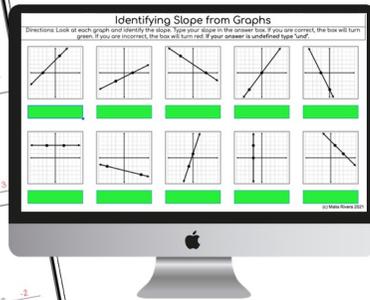
$m = 1$

x	y
-1	-1
2	11
5	23
8	35

$m = 4$

Identifying Slope from Graphs

Directions: Look at each graph carefully. Write the slope of the line in the answer box. If you are correct, the box will turn green. If you are incorrect, the box will turn red. If your answer is undefined, type "undef".



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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!

The image shows a collage of algebra worksheets and a digital tablet. The worksheets include:

- Answer Key** for **ADDING & SUBTRACTING RATIONAL EXPRESSIONS** and **SOLVING SYSTEMS OF EQUATIONS**.
- MULTIPLYING & DIVIDING RATIONAL EXPRESSIONS** worksheet with problems like $\frac{x-2}{x^2+2x+1}$.
- SOLVING SYSTEMS OF EQUATIONS** worksheet with problems like $2x - 6y = -18$ and $x = 9y - 4$.

The digital tablet displays a self-checking activity titled **Rational Expression Operations - Addition & Subtraction**. The directions are: "Answer each question and type the question number with the matching answer in the answer column to the right." The activity consists of a table with 8 questions and 8 answers, with a path of colored lines connecting the questions to their corresponding answers.

#	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 these too!

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