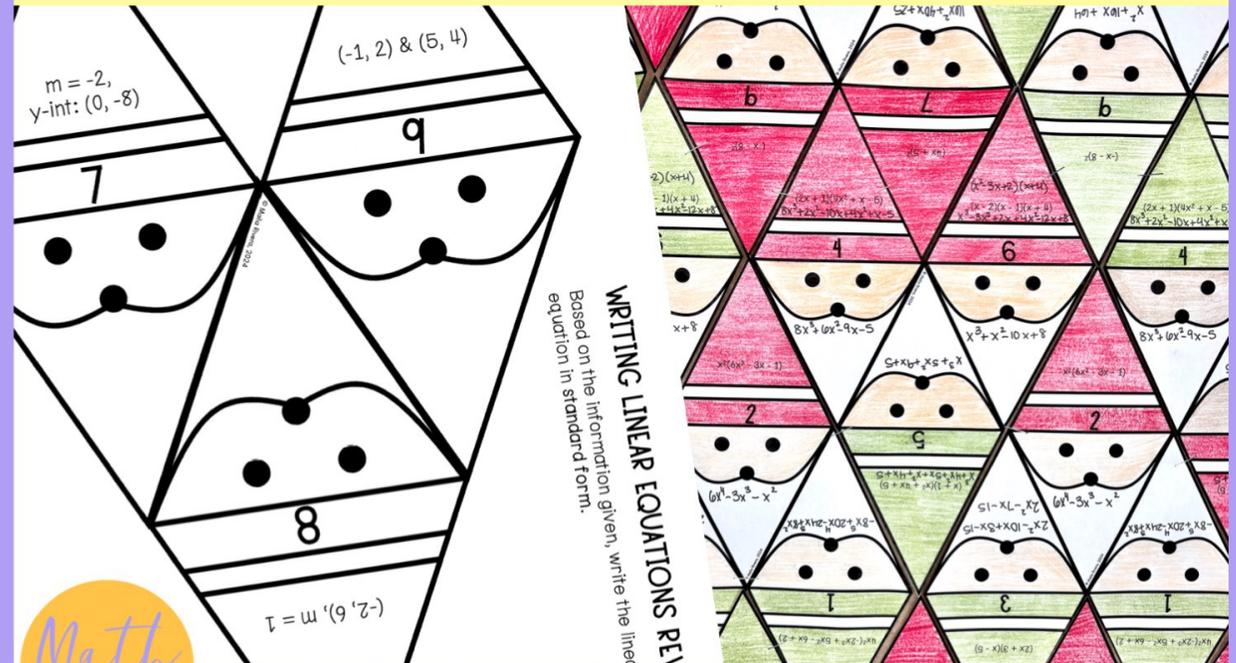


keep scrolling to
get a sneak peek!

If you're looking for a new way to get your students practicing math, this is the resource for you! With this **writing linear equations review** collaborative activity, students will review writing linear equations in all 3 forms from 2 points, point and slope, and slope and y-intercept on tessellation piece. Assembling all the students' pieces creates one large holiday tessellation to display on your classroom bulletin board.

WRITING LINEAR EQUATIONS REVIEW

collaborative Tessellation



Christmas santa bulletin board

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Why do you need this?

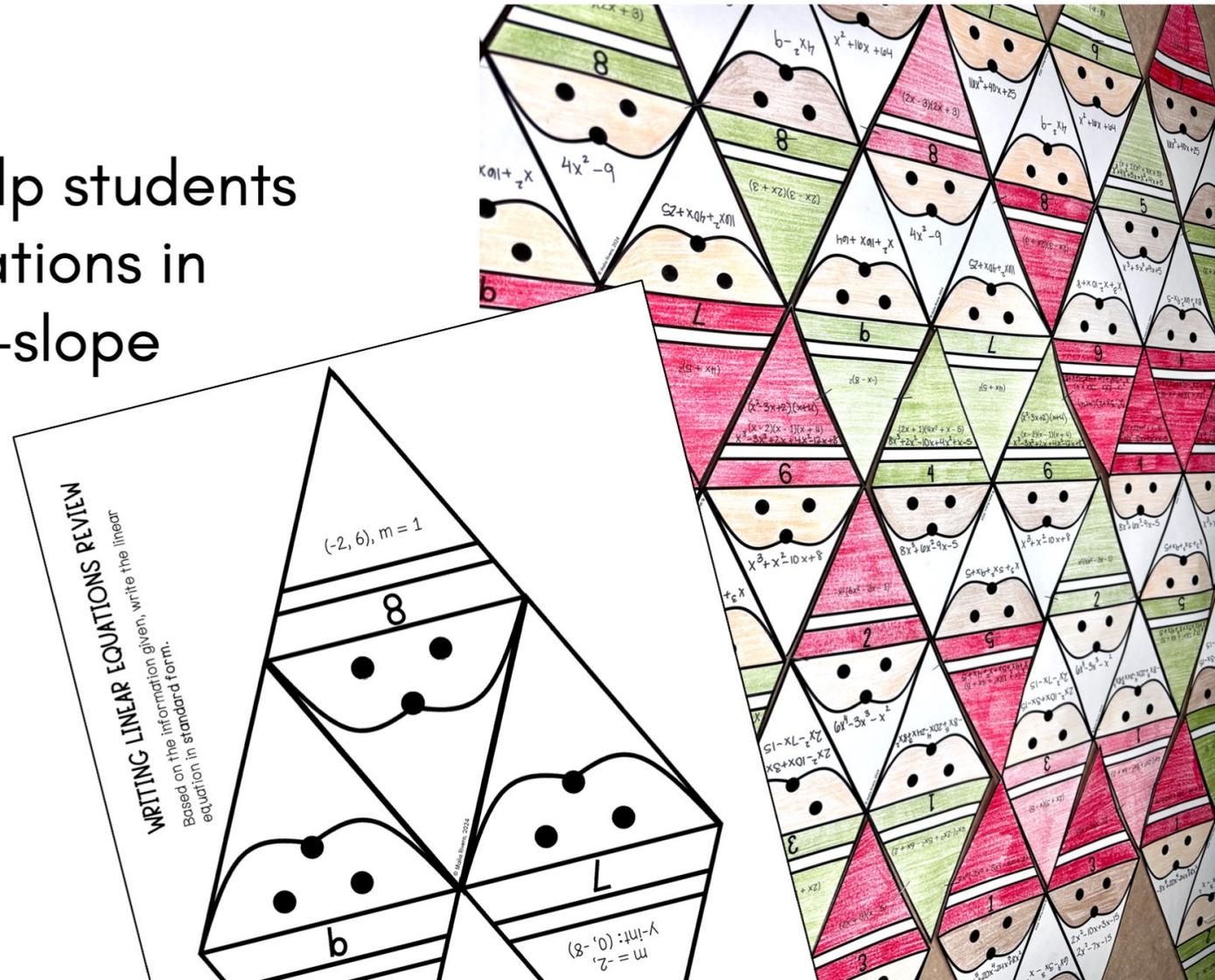
Writing Linear Equations Review Collaborative Tesselation



New & engaging way to help students practice writing linear equations in slope-intercept form, point-slope form, and standard form



Unique, collaborative way to display student work



Writing Linear Equations Review Collaborative Tesselation

standards covered:

CCSS: HSA-CED.A.2

TEKs: A1.3.C

VA SOLs: E1.A.6.c



Writing Linear Equations Review Collaborative Tessellation

skills included:

- Slope-intercept form
- Point-slope form
- Standard form
- From 2 points
- From a point & slope
- From the slope & y-intercept



how to use this resource



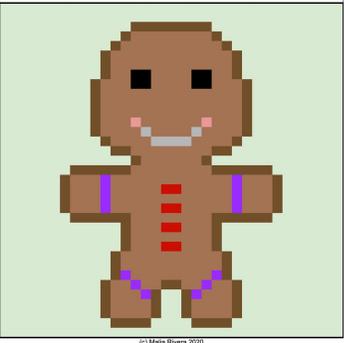
- Print or make copies – I print on white so my students can decorate each piece how they want.
- Students will answer the questions on each Santa (3 per page)
- Collect all the students' pieces & put it up on the bulletin board to create one big, festive Santa design

You may also enjoy ...

WRITING IN SLOPE INTERCEPT FORM REVIEW

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

Directions: Write the linear equation in slope-intercept form given the information. Answer each question correctly and pixels will appear to reveal a picture!



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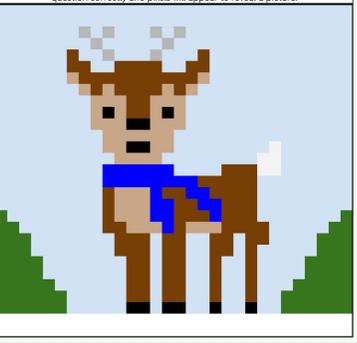


Self-Checking

WRITING IN STANDARD FORM MULTIPLE METHODS

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

Directions: Given the information, write the equation in standard form. Answer each question correctly and pixels will appear to reveal a picture!



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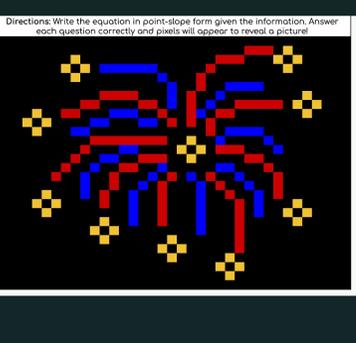


Self-Checking

WRITING IN POINT-SLOPE FORM REVIEW

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

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



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Self-Checking

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check it out!

Answer Key
Name: _____ Date: _____
ADDING & SUBTRACTING RATIONAL EXPRESSIONS
Directions: Add or subtract the rational expressions. Show your work.

Solving Systems of Equations
Date: _____
Solve systems 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
Date: _____
Solving Systems of Equations
Solve systems of equations using substitution or elimination. Check your solution.
2. $2x - 6y = -18$
 $x = 3y - 9$
 $2(3y - 9) - 4y = -18$
 $6y - 18 - 4y = -18$
 $-18 = -18$
infinitely many solutions
 $y = 2 + 5$
 $y = 7$
 $(2, 7)$

Multiplying & Dividing Rational Expressions
Date: _____
Directions: Multiply or divide the rational expressions. Show your work.

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 these too!

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