

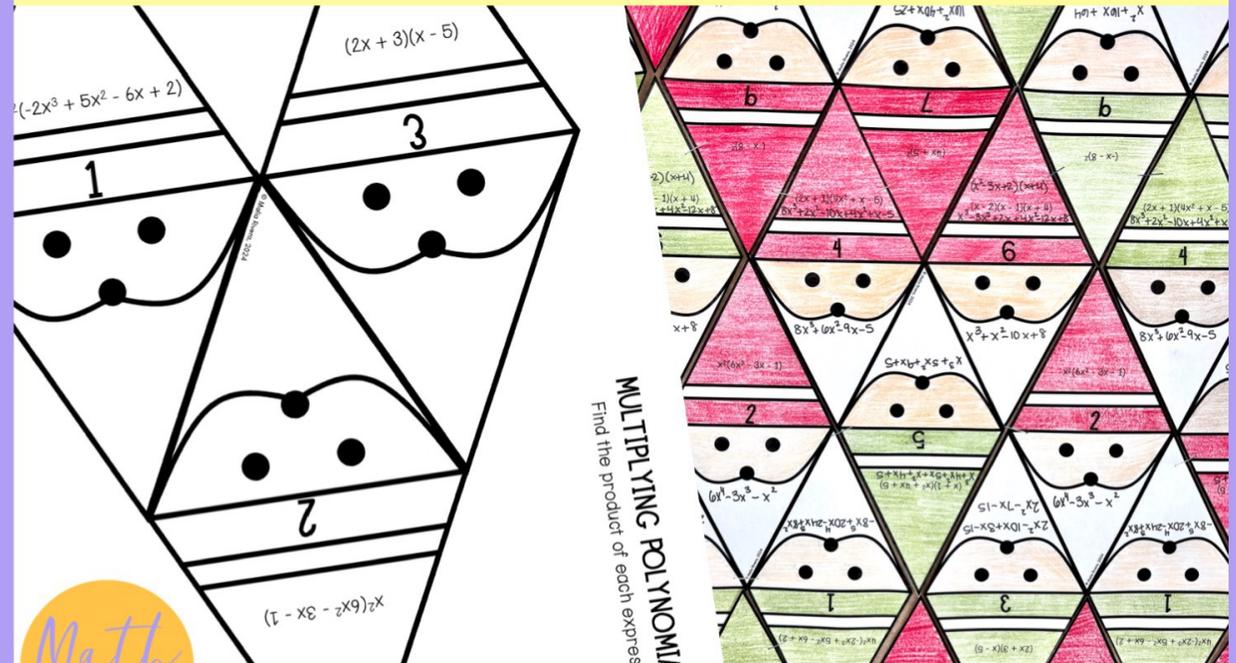
keep scrolling to
get a sneak peek!

If you're looking for a new way to get your students practicing math, this is the resource for you! With this

multiplying polynomials collaborative activity, students will practice multiplying monomial, binomials, trinomials, and polynomials on tessellation piece. Assembling all the students' pieces creates one large holiday tessellation to display on your classroom bulletin board.

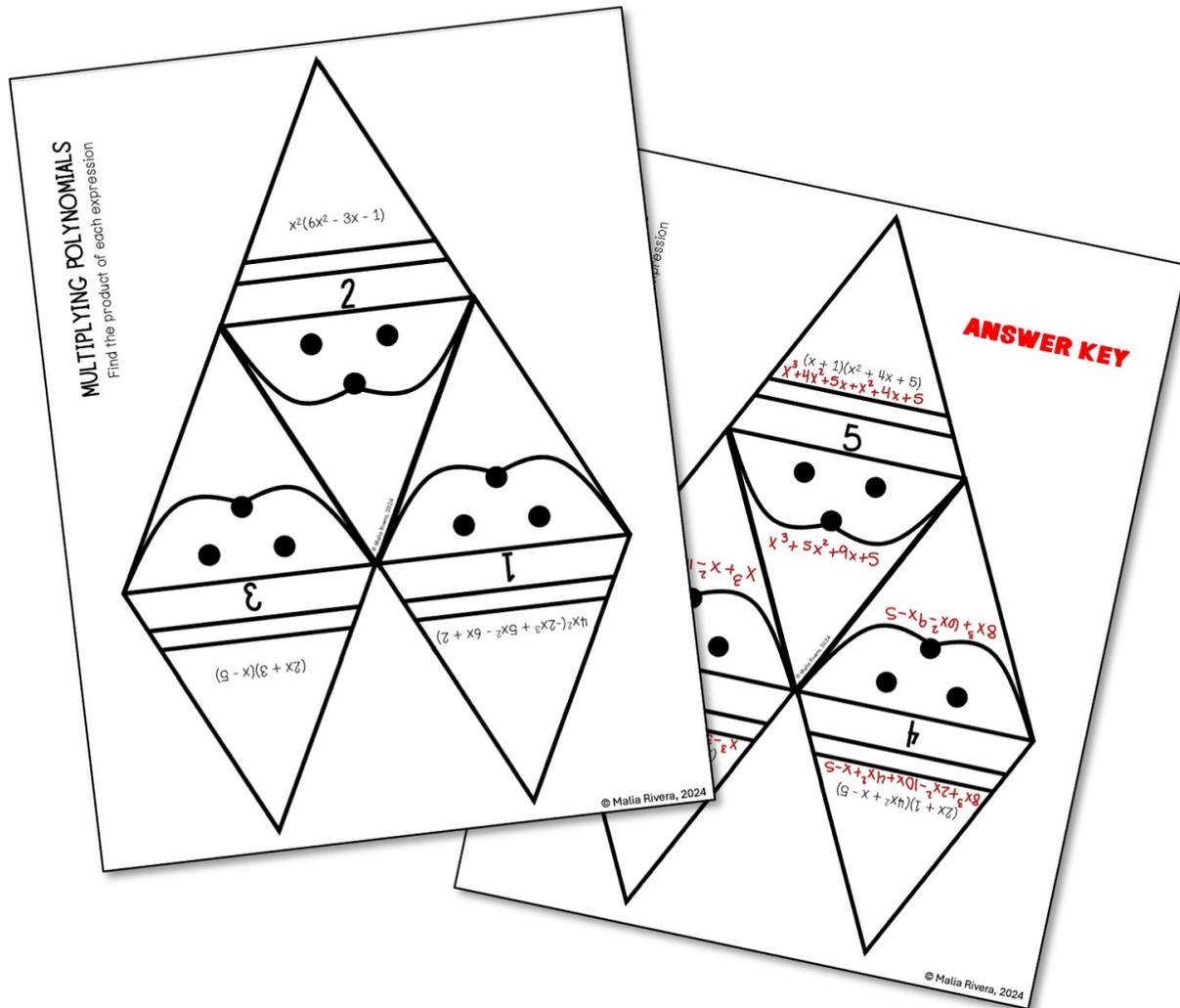
MULTIPLYING POLYNOMIALS

Collaborative Tessellation



Christmas Santa Bulletin Board

Multiplying Polynomial Collaborative Tessellation *includes:*



- ✓ 3 blank tessellation pages per student
- ✓ 9 questions total
- ✓ an answer key
- ✓ teacher instructions

Multiplying Polynomials Collaborative Tesselation

standards covered:

CCSS: HSA.APR.A.1

TEKs: A1.10.B

VA SOLs: EO.A.2.b



You may also enjoy ...

MULTIPLYING POLYNOMIALS

Choice Board

Multiplying Polynomials

Name: _____ Date: _____

Directions: Choose _____ problems from each column. Show your work in the boxes.

$5x^3(3x + 6)$	$3x^2(5x^4 - 5x^2)$	$3x(4x - 8)$	$5x^3(3x + 6)$
$(x + 8)(x - 8)$	$(2x - 2)(2x + 2)$	$12x^2 - 24x$	$15x^4 + 30x^3$
$(3x + 4)(3x + 4)$	$(x^3 - 2x^2 + 3x - 4)(x - 2)$	$(4x + 8)(3x + 1)$	$(x + 8)(x - 8)$
		$12x^2 + 4x + 24x + 8$	$x^2 - 8x + 8x - 64$
		$12x^2 + 28x + 8$	$x^2 - 64$
		$(-3x^2 + 4x)(x - 2)$	$(3x + 4)(3x + 4)$
		$-3x^3 + 6x^2 + 4x^2 - 8x$	$9x^2 + 24x + 16$
		$-3x^3 + 10x^2 - 8x$	

Math with Ms. Rivera

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MULTIPLYING POLYNOMIALS

Color by Number Worksheet

Multiplying Polynomials Color by Number

Name: _____ Date: _____

Directions: Answer each question. Circle the answer from the given choices. Your answer determines how you color the grid page.

$20a^3 - 25a^2 + 11a$ black	$9a^3 - 3a^2 + 7a$ red	$20a^2 - 28a + 12$ yellow	$11a^2 + a$ light brown	$24a^3 - 6a$ dark brown
$3 - 3a^2(4a^2 - 8 + 9)$			$4. (y - 1)(y + 3)$	
$12a^3 + 3a^2 - 21a^2$ light brown	$-15a^2 + 3a - 27$ purple	$y^2 + 2y + 3$ black	$y^2 + 4y + 4$ gray	
		$6. (5p + 5)(2p + 3)$		

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Answer key included

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MULTIPLYING POLYNOMIALS

Digital & Print Activity Pack

6 Activities

Multiplying Polynomials

Name: _____ Date: _____

Directions: Choose _____ problems from each column. Show your work in the boxes.

$3x(x - 5)$	$5a^2(3x + 6)$	$3x^2(5x^4 - 5x^2 + 7)$
$(4x + 5)(3x + 1)$	$(x + 5)(x - 8)$	$(2x - 2)(2x + 5)$
$(-3a^2 + 4a)(a - 2)$	$(8x + 4)(3x + 4)$	$(x^2 - 2)(x + 3)$
$(x + 3)(8x^2 - 3x - 7)$	$(x + 5)(4x^2 + 3x - 1)$	
$(x + 3)(3x^2 + 10x - 5)$	$(2x - 1)(9x^2 + 3x - 1)$	$(9x + 3)(9x^2 - 2x - 1)$

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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.

ANSWER KEY
SOLVING SYSTEMS OF EQUATIONS
Date: _____
Solve systems of equations using substitution or elimination. Check your solution.

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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