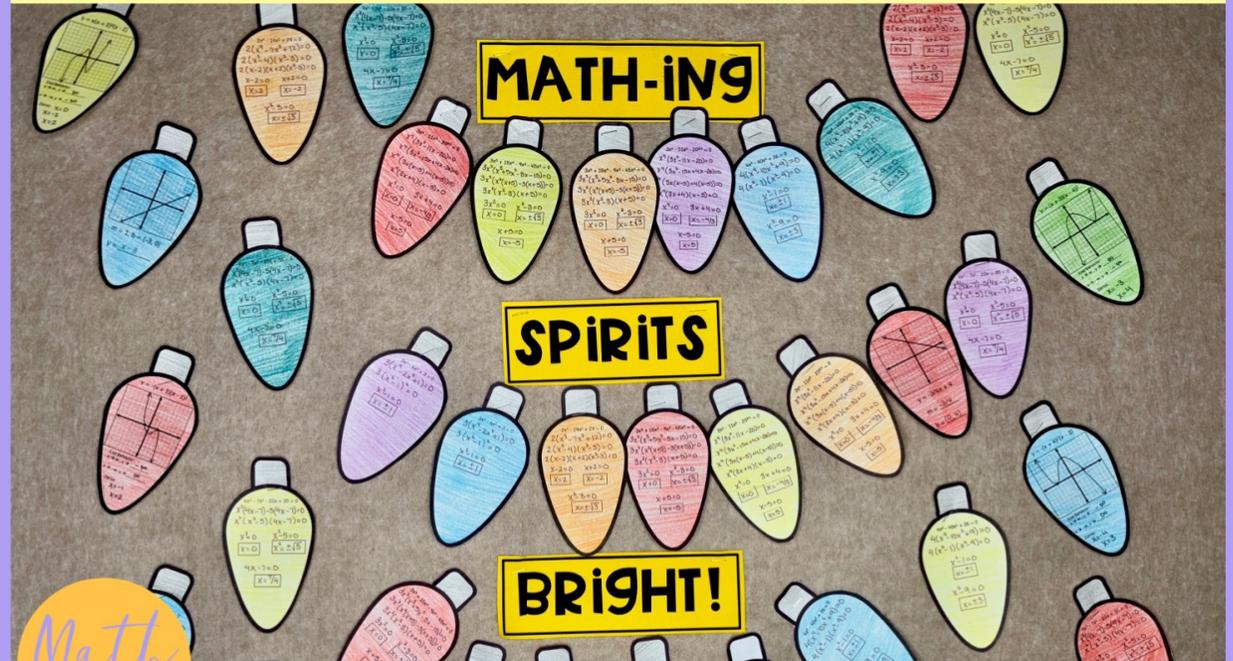*keep scrolling* to get a sneak peek!

If you're looking for a new way to get your students practicing math, this is the resource for you! With this **graphing polynomials** collaborative activity, students will graph polynomials and identify some key features on the light bulb pieces. Assembling all the students' pieces creates one large holiday display on your classroom bulletin board.

GRAPHING POLYNOMIAL FUNCTIONS
Holiday Lights

MATH-ING

SPIRITS

BRIGHT!

Math with Ms. Rivera

student work bulletin board
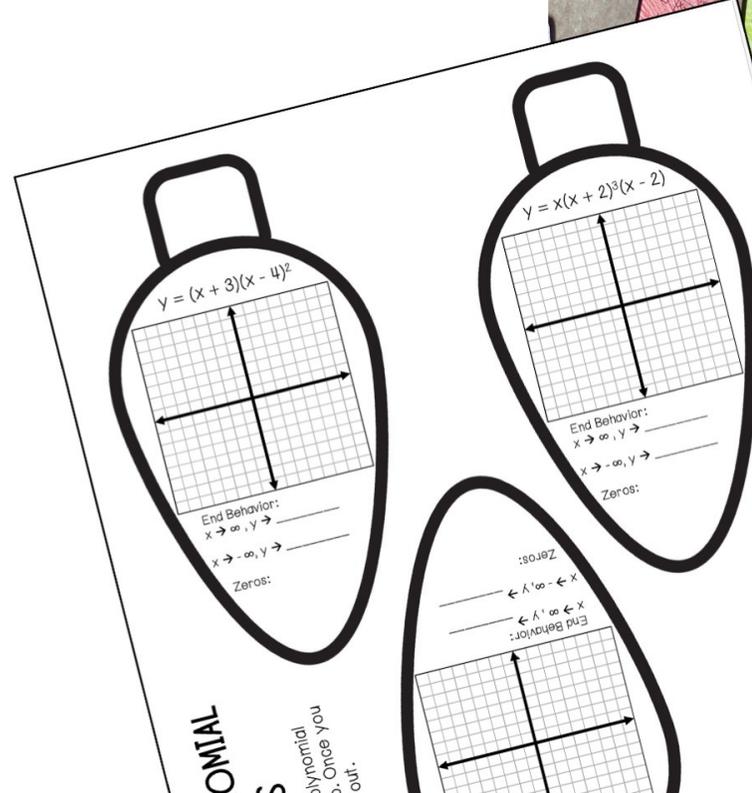
why do you need this?

Graphing Polynomial Functions Holiday Lights Bulletin Board
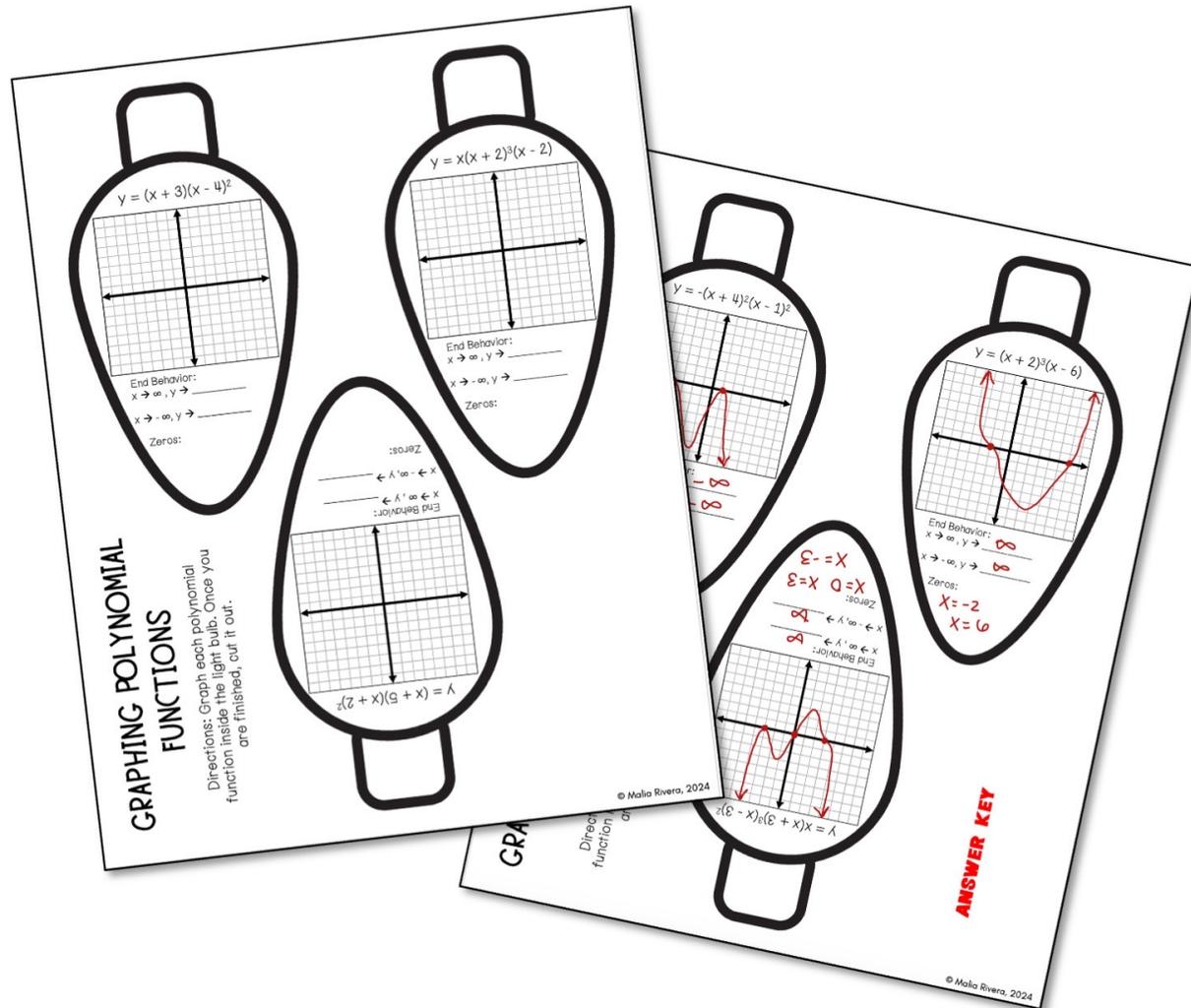
✏️ New & engaging way to help students practice graphing polynomial functions

✏️ Unique, collaborative way to display student work

Graphing Polynomial Functions Holiday Bulletin Board *includes*:

✅ 3 blank tessellation pages per student

✅ 9 questions total

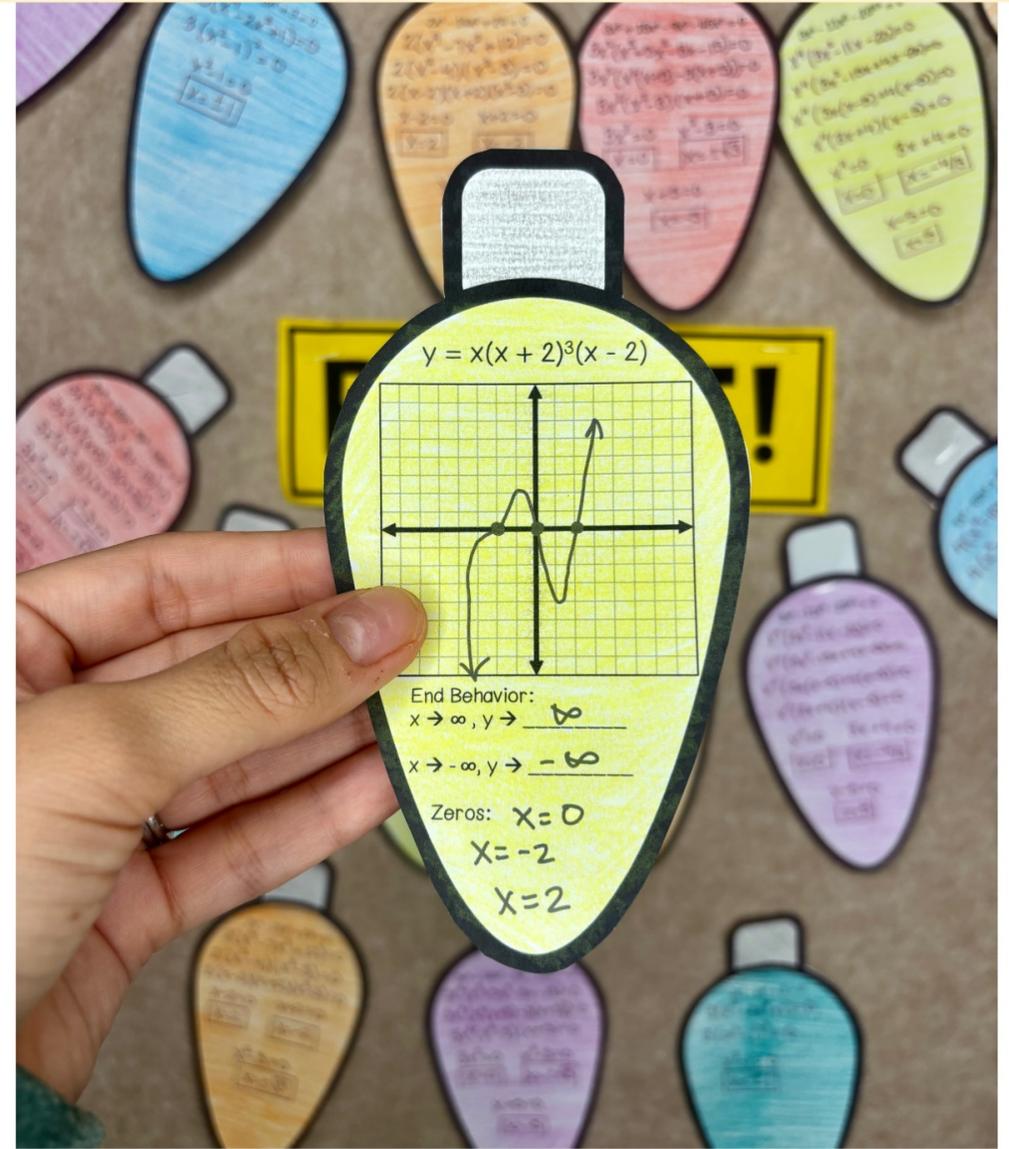✅ an answer key

✅ teacher instructions

Graphing Polynomial Functions Holiday Bulletin Board

standards covered:

CCSS: HSA–APR.B.3, HSF–IF.B.4
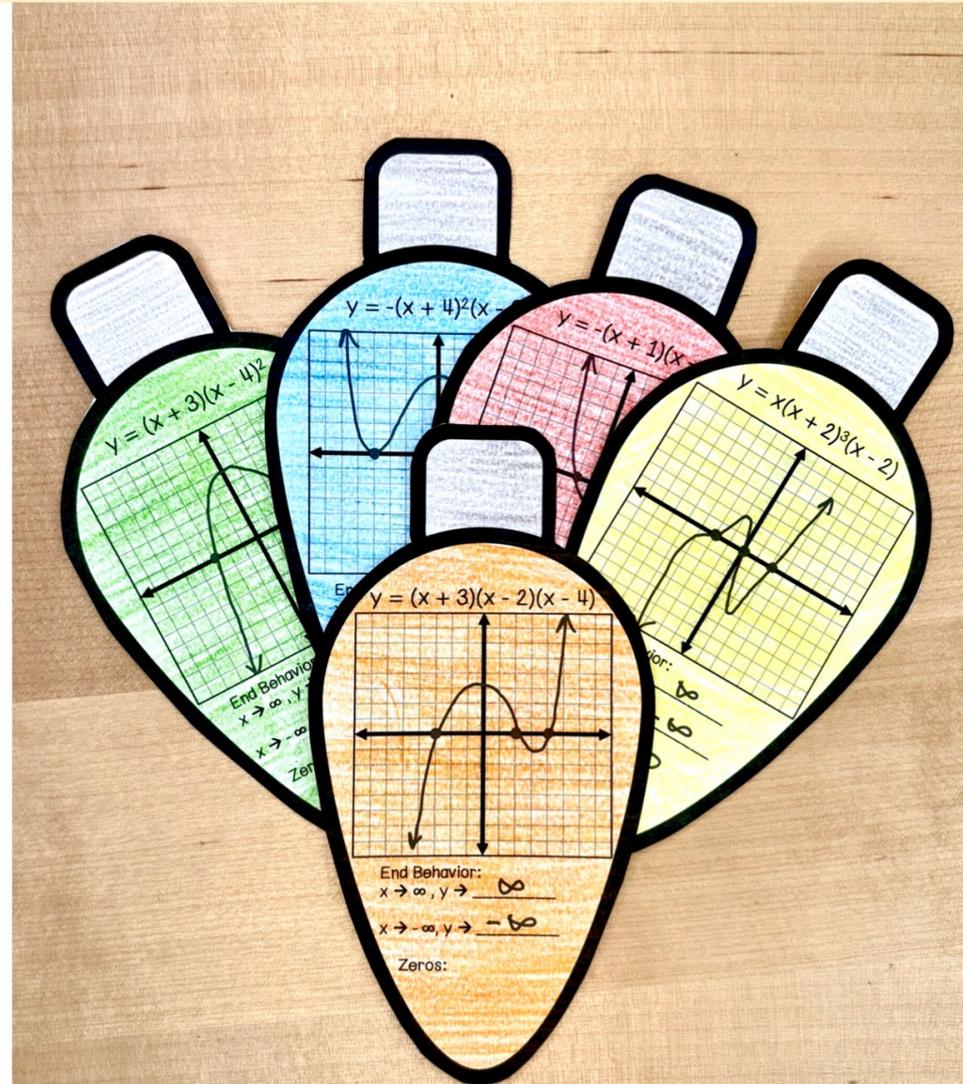
TEKs: P.2.F, P.2.I, P.2.J

VA SOLs: F.AII.7deh, F.AII.8

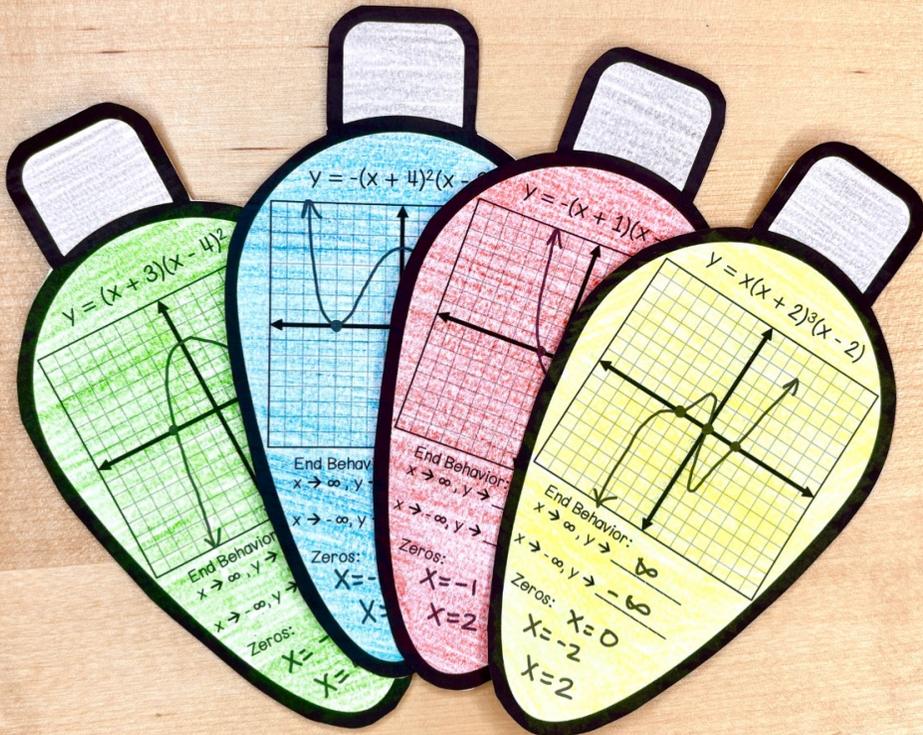# Graphing Polynomial Functions Holiday Bulletin Board

skills included:

- Graphing polynomials given the equation in factored form
- Identifying end behavior
- Identifying zeros
- Graphing based on zeros & multiplicities

Graphing Polynomial Functions Holiday Bulletin Board

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

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

- Print or make copies – I print on white so my students color it how they want.
- Students will answer the questions on each holiday light.
- Collect all the students' pieces & put it up on the bulletin board to create one big, festive holiday lights design

You may also *enjoy*...

CHARACTERISTICS OF POLYNOMIALS
Collaborative Tessellation
Christmas Tree bulletin board
© Malia Rivera, 2024

CHARACTERISTICS OF POLYNOMIAL FUNCTIONS
Algebra 2 Guided Notes
Answer Key included
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GRAPHING POLYNOMIAL FUNCTIONS
Algebra 2 Guided Notes
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check it out!

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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