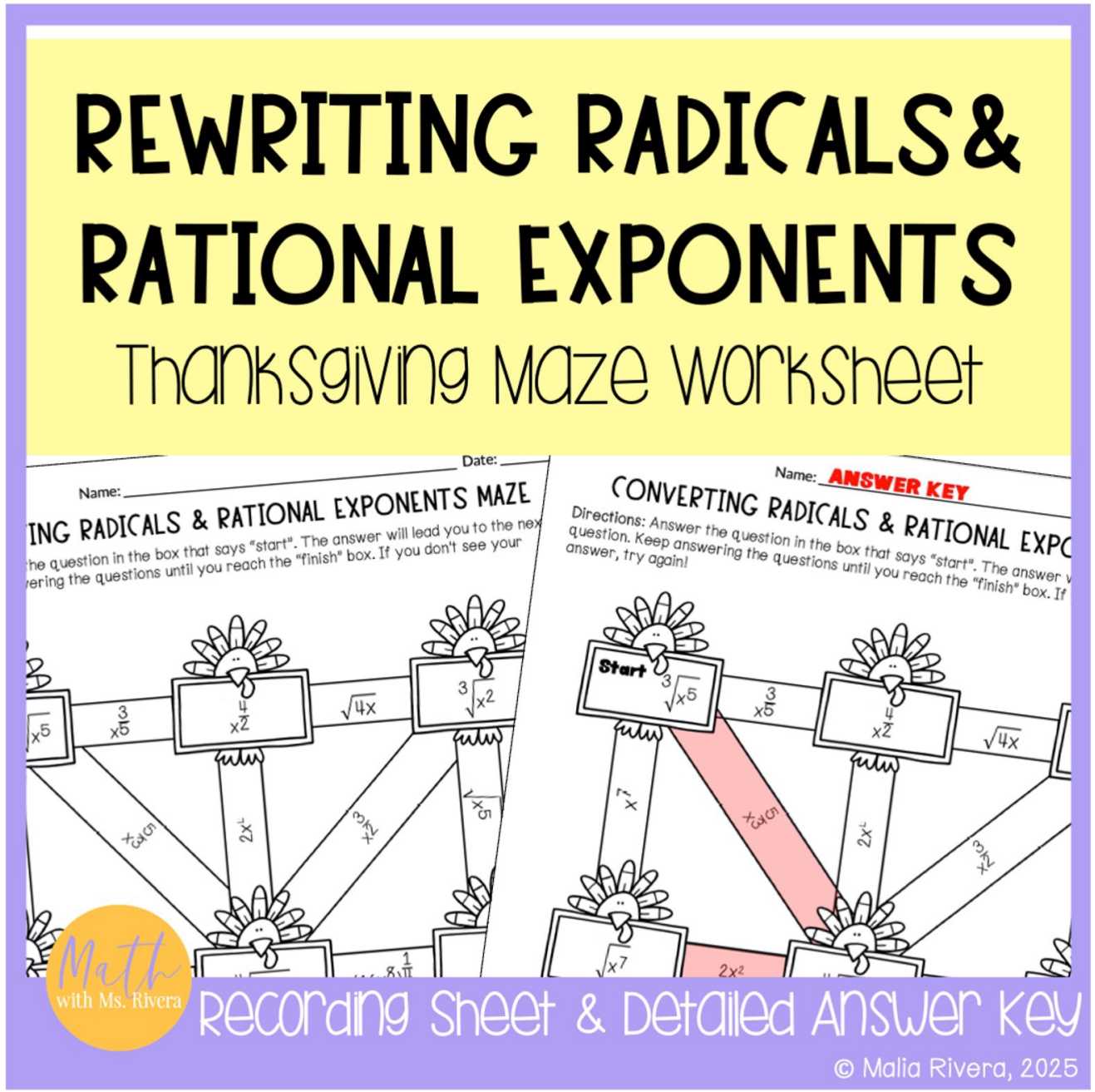
keep scrolling to get a sneak peek!

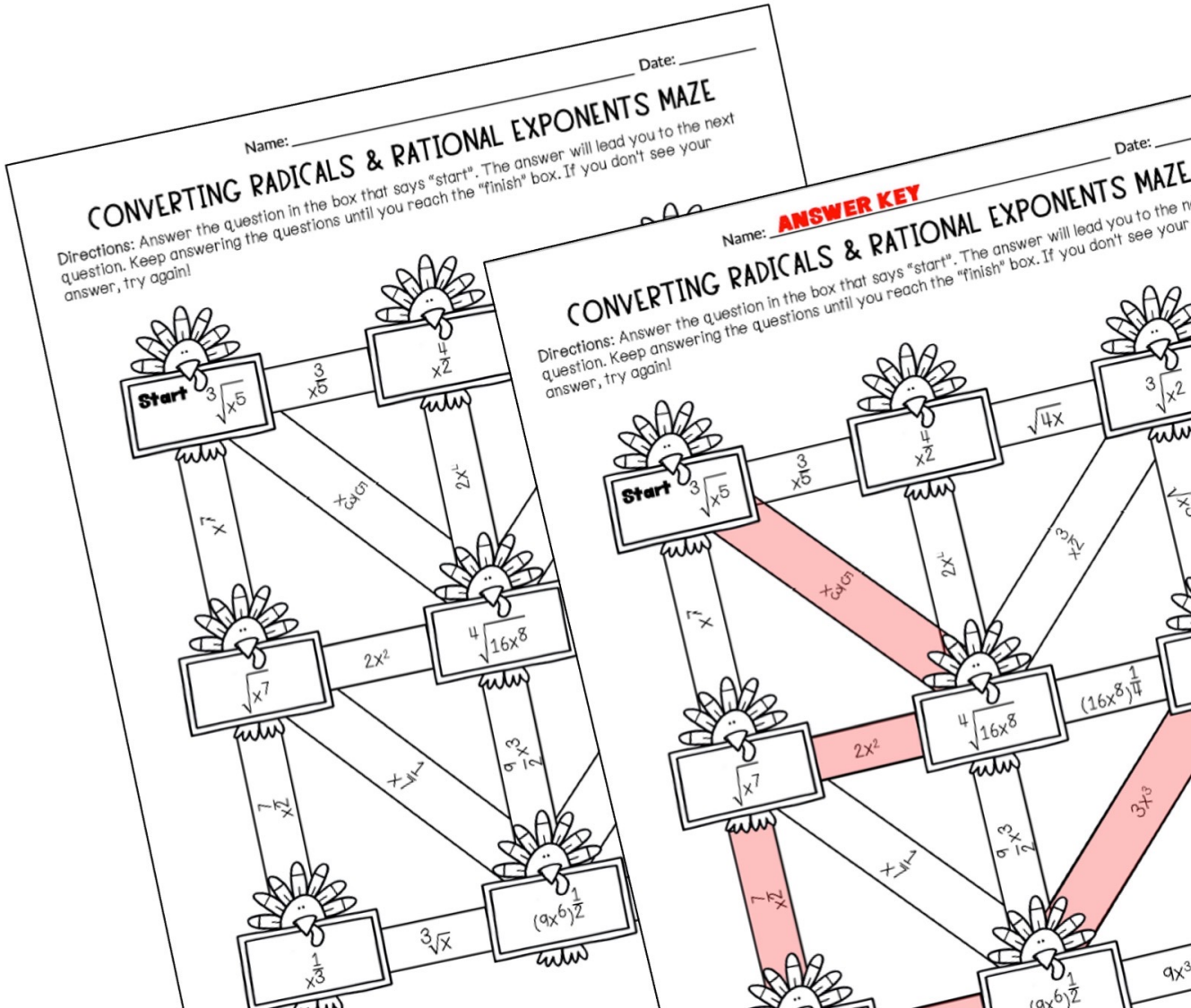
Help your Algebra 2 students practice **rewriting radical expressions and rational exponents**. Your students will benefit from being given a fun Thanksgiving themed activity to practice math while they have break on their brain!



Converting Radicals & Rational Exponents Thanksgiving Maze

Why do you need this?

- Providing feedback with self-checking activities will engage students to keep practicing!
- Incorporate a Thanksgiving themed activity with your students WHILE mastering key Algebraic skills!



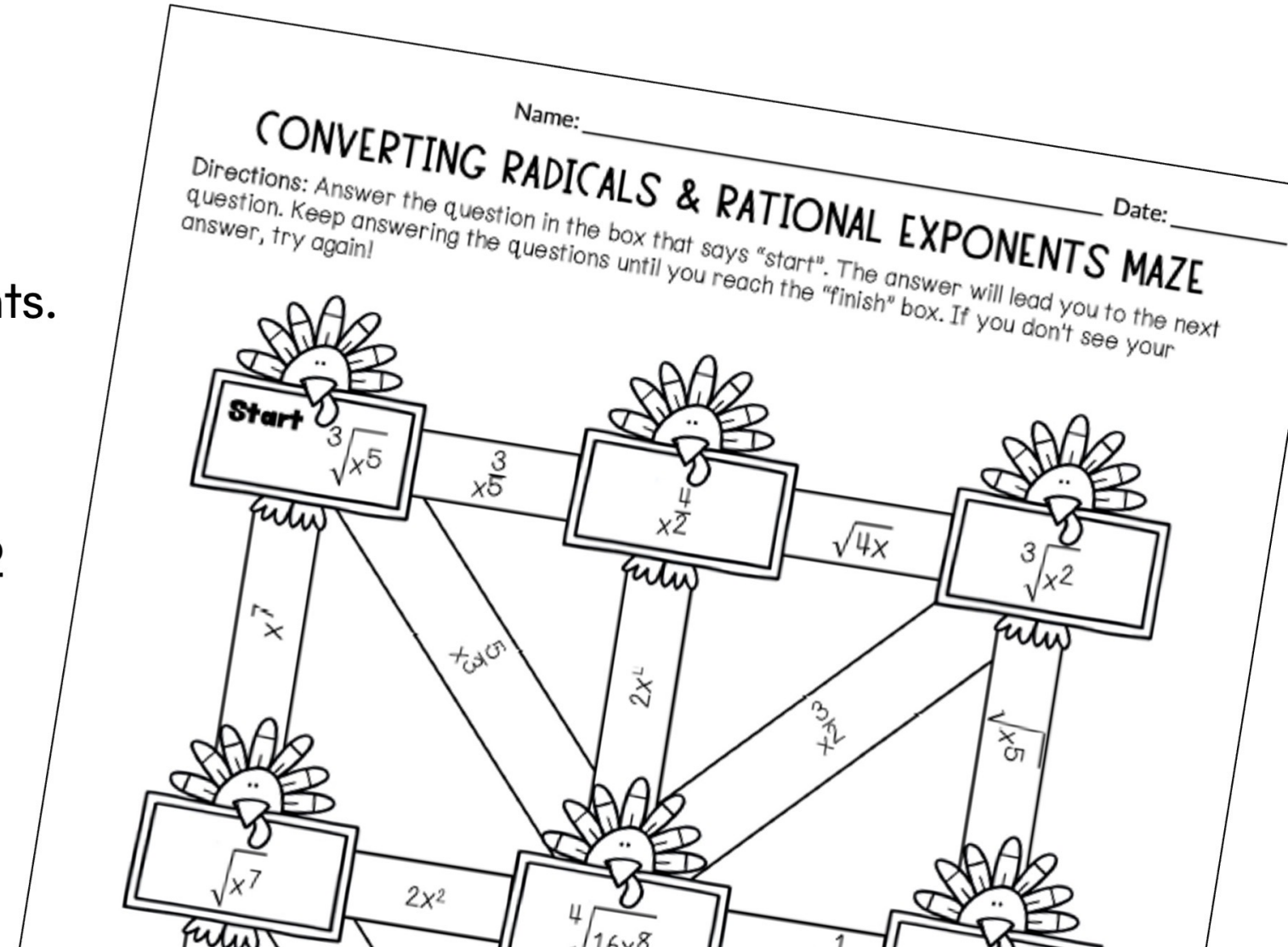
Rewriting Radicals & Rational Exponents Thanksgiving Maze

skills used:

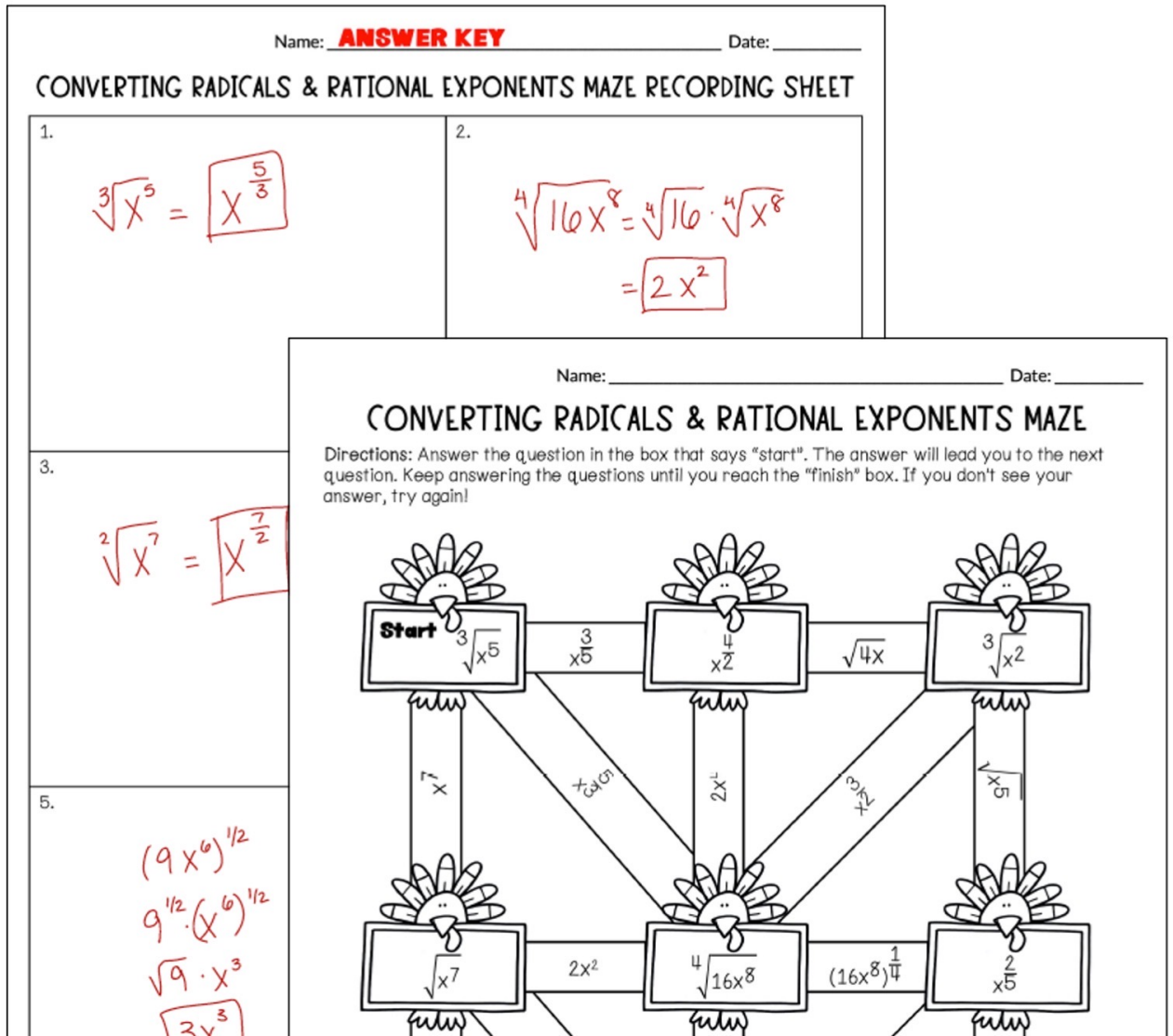
Converting between radical expressions and rational exponents.

standards covered:

CCSS: HSA-SSE.B.3, HSN-RN.A.2
TEKs: A2.7.G
VA SOLs: EO.AII.1.b



how to use this resource


Name: ANSWER KEY Date:

CONVERTING RADICALS & RATIONAL EXPONENTS MAZE RECORDING SHEET

1. $\sqrt[3]{x^5} = x^{\frac{5}{3}}$

2. $\sqrt[4]{16x^8} = \sqrt[4]{16} \cdot \sqrt[4]{x^8}$ $= 2x^2$

3. $\sqrt[2]{x^7} = x^{\frac{7}{2}}$

5. $(9x^6)^{1/2}$ $9^{1/2} \cdot (x^6)^{1/2}$ $\sqrt{9} \cdot x^3$ $3x^3$

Name: Date:

CONVERTING RADICALS & RATIONAL EXPONENTS MAZE

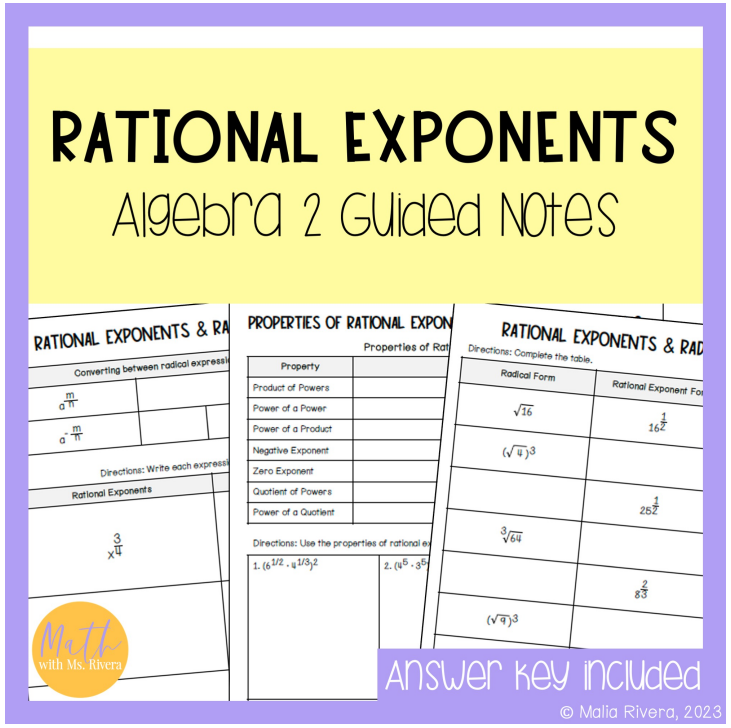
Directions: Answer the question in the box that says "start". The answer will lead you to the next question. Keep answering the questions until you reach the "finish" box. If you don't see your answer, try again!

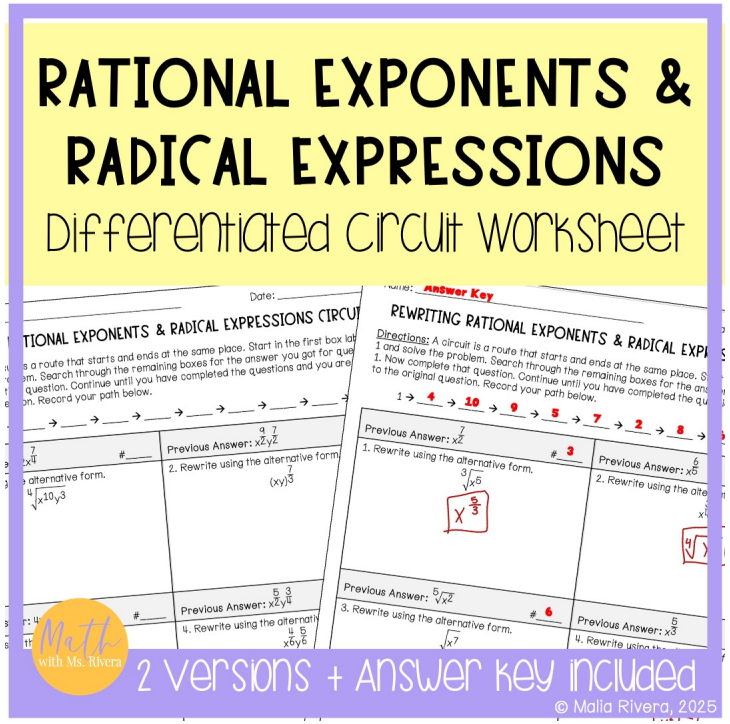
This is a great individual practice activity to use when reviewing how to convert radical expressions to rational exponents and vice versa.

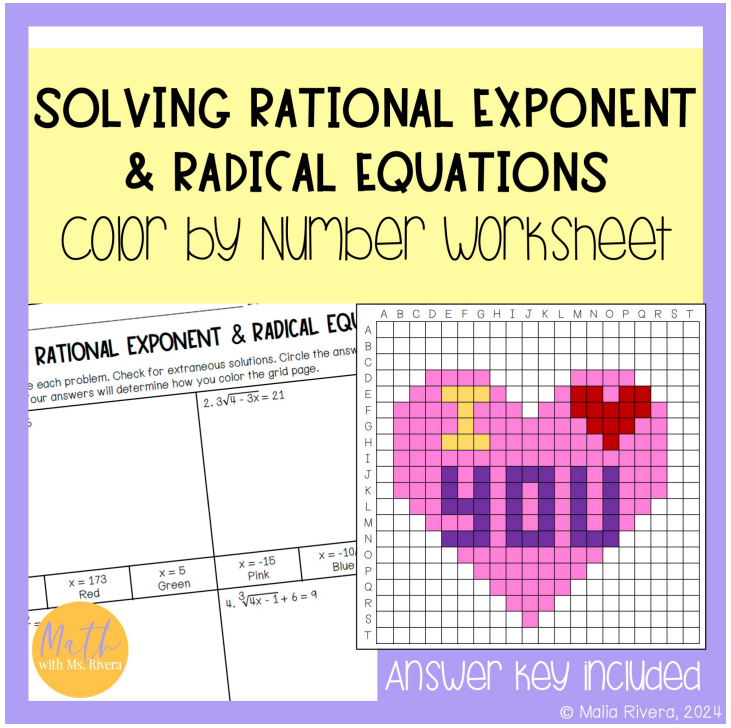
My favorite ways to use this maze worksheet is as a review station in November.

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

You may also *enjoy*...





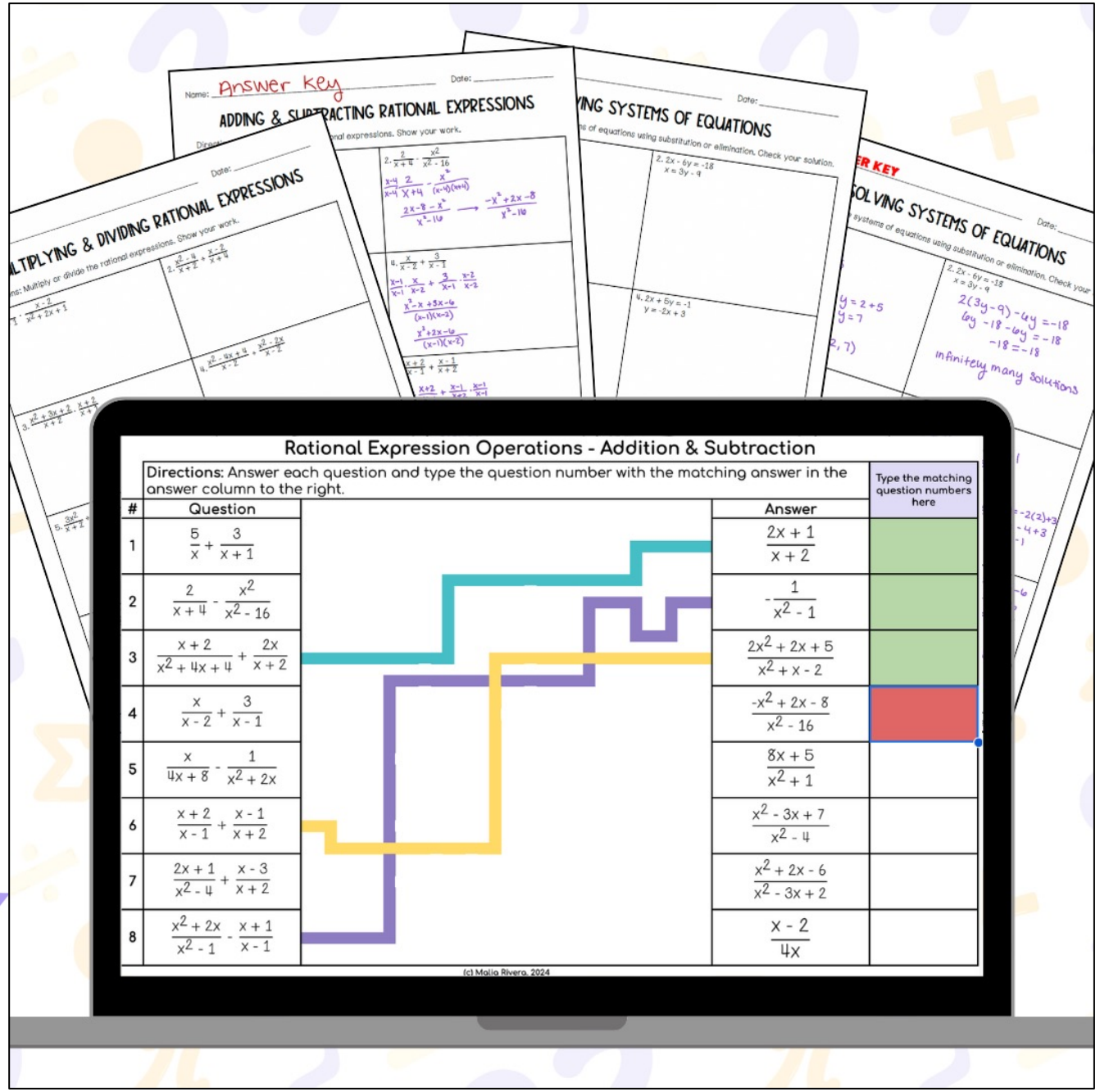


Free Algebra Activities!

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!



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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