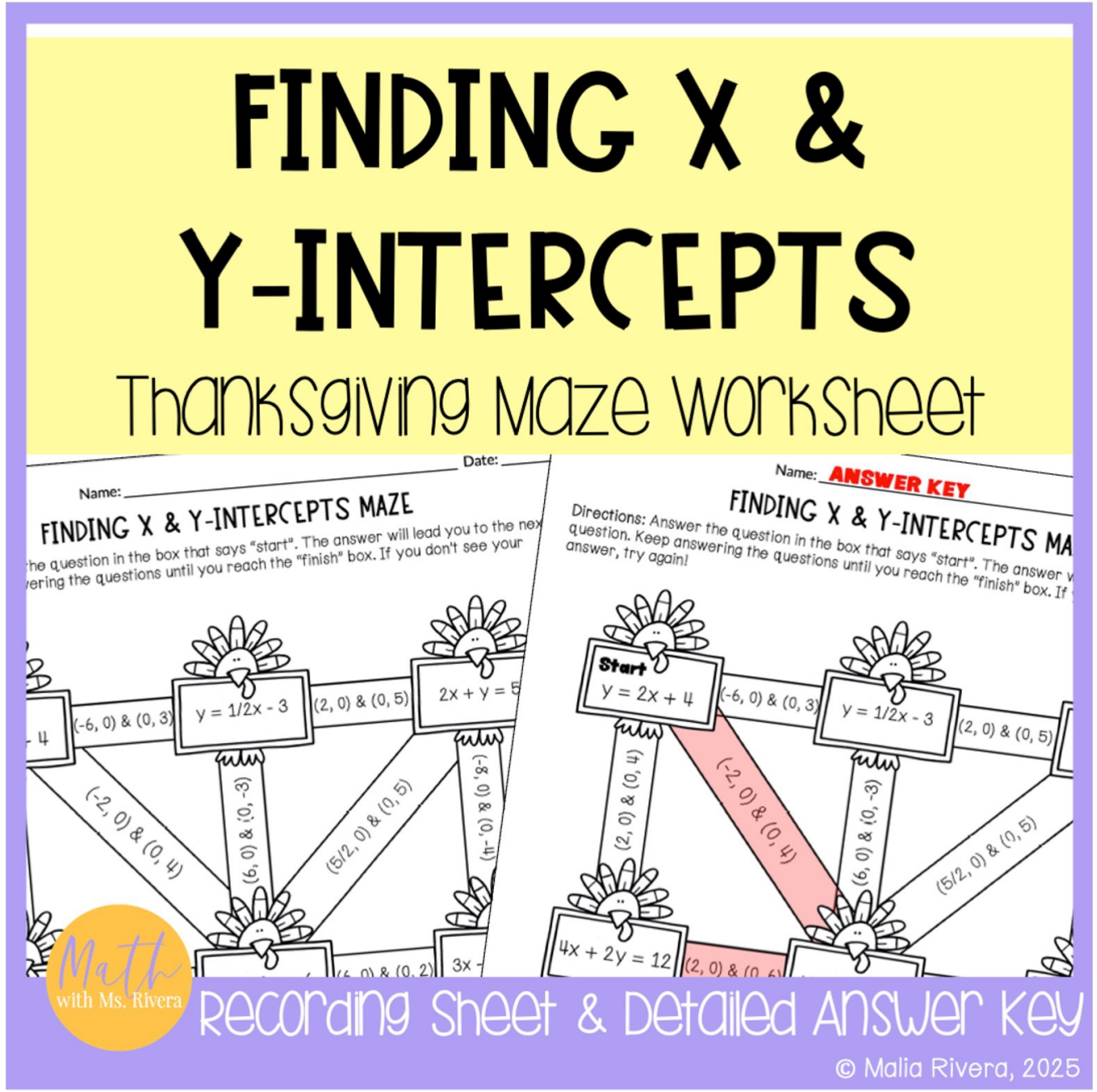
keep scrolling to get a sneak peek!

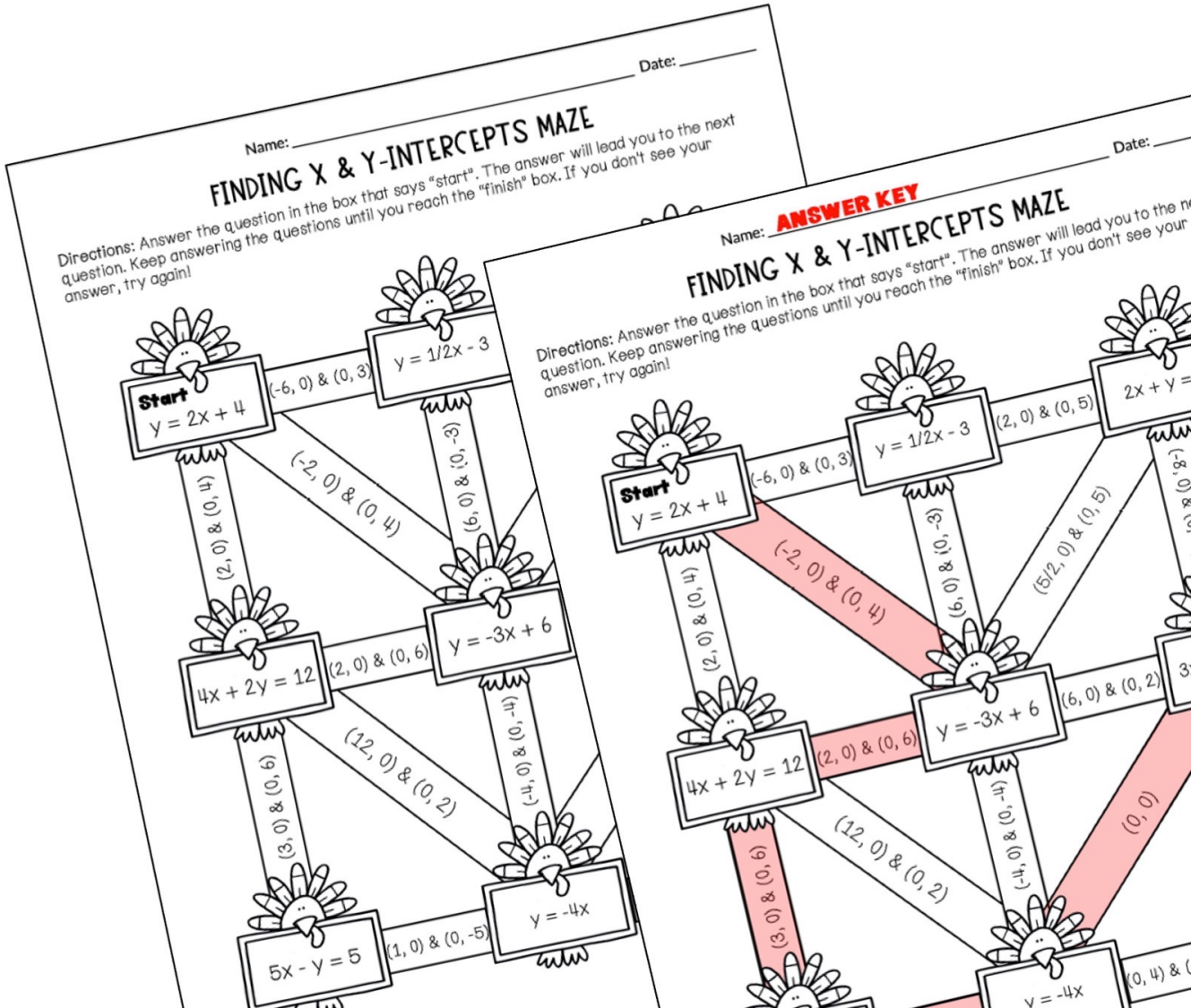
Help your Algebra 1 students practice **finding x & y-intercepts from equations**. Your students will benefit from being given a fun Thanksgiving themed activity to practice math while they have break on their brain!



Finding X & Y-Intercepts 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!



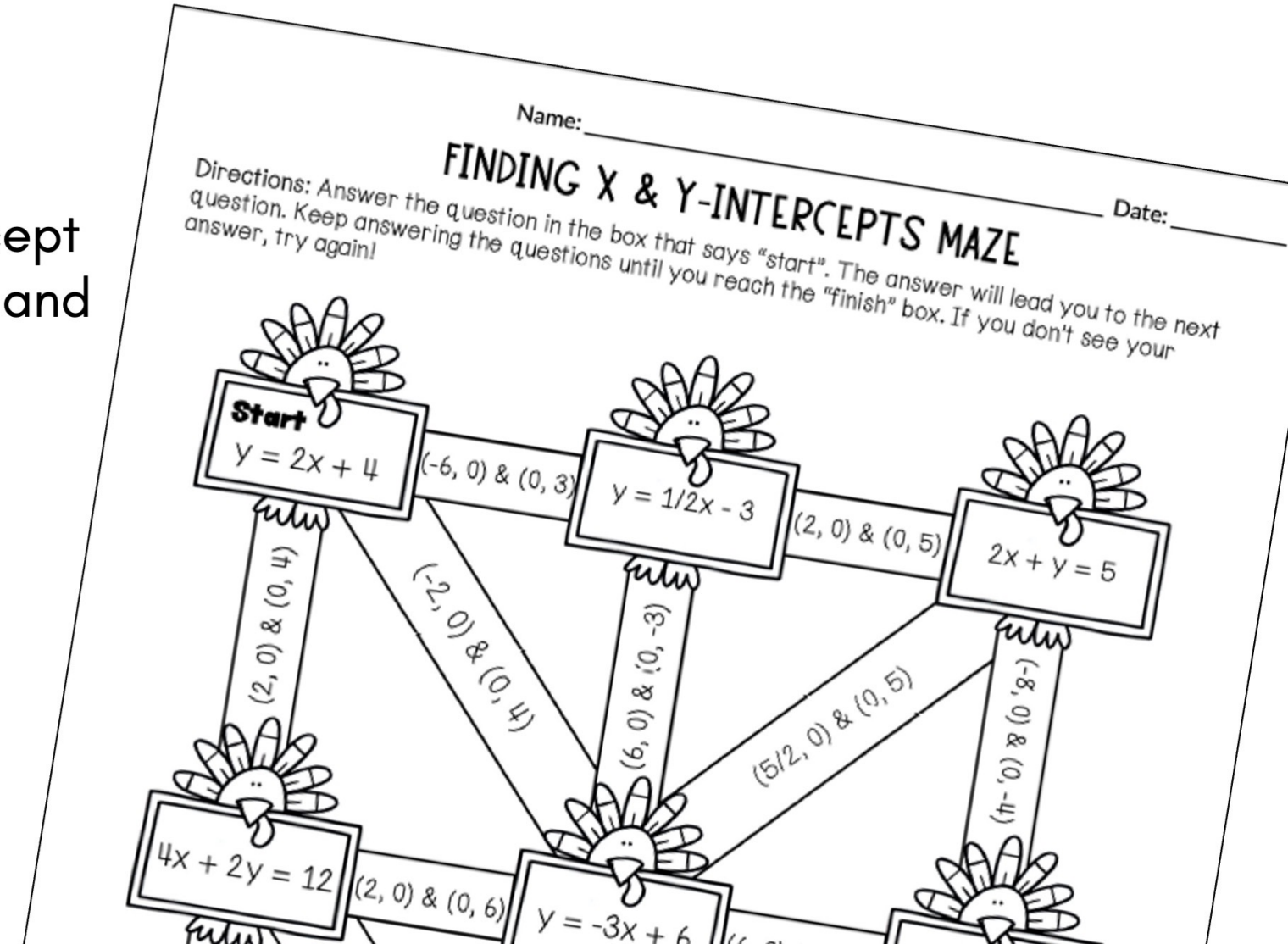
Finding X & Y-Intercepts Thanksgiving Maze

skills used:

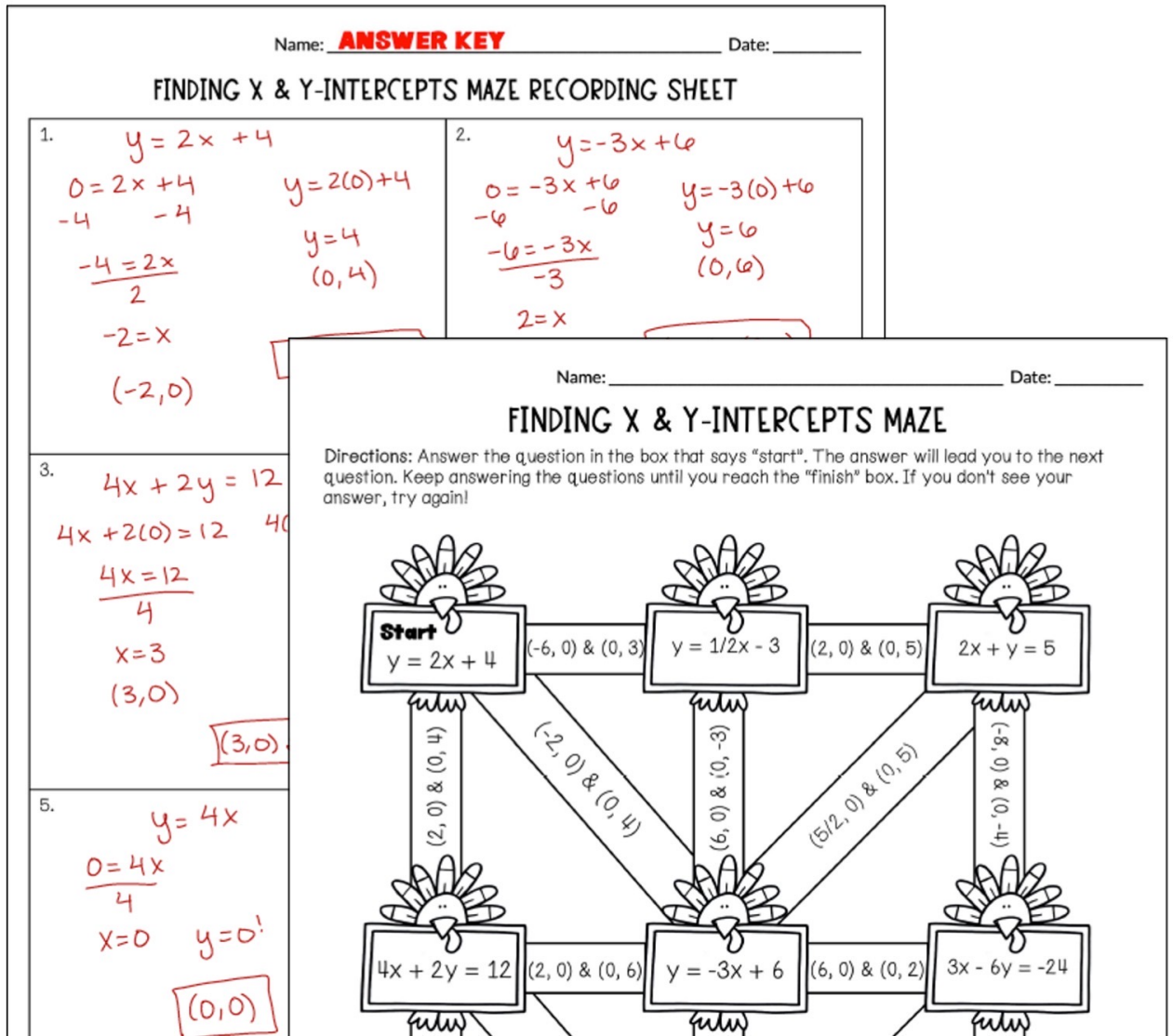
Given an equation in slope intercept form or standard form, find the x and y-intercepts.

standards covered:

CCSS: HSF-IF.B.4
TEKs: A1.7.A
VA SOLs: F.A.7.d



how to use this resource


Name: ANSWER KEY Date:

FINDING X & Y-INTERCEPTS MAZE RECORDING SHEET

1. $y = 2x + 4$

$0 = 2x + 4$ $y = 2(0) + 4$

$-4 \quad -4$ $y = 4$

$\frac{-4 = 2x}{2}$ $(0, 4)$

$-2 = x$

$(-2, 0)$

2. $y = -3x + 6$

$0 = -3x + 6$ $y = -3(0) + 6$

$-6 \quad -6$ $y = 6$

$\frac{-6 = -3x}{-3}$ $(0, 6)$

$2 = x$

3. $4x + 2y = 12$

$4x + 2(0) = 12$

$\frac{4x = 12}{4}$

$x = 3$

$(3, 0)$

(3,0)

5. $y = 4x$

$\frac{0 = 4x}{4}$

$x = 0$ $y = 0!$

(0,0)

Name: Date:

FINDING X & Y-INTERCEPTS 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!

Start
y = 2x + 4

(-6, 0) & (0, 3)

y = 1/2x - 3

(2, 0) & (0, 5)

2x + y = 5

(2, 0) & (0, 4)

(-2, 0) & (0, 4)

(6, 0) & (0, -3)

(5/2, 0) & (0, 5)

(4, 0) & (0, -8)

4x + 2y = 12

(2, 0) & (0, 6)

y = -3x + 6

(6, 0) & (0, 2)

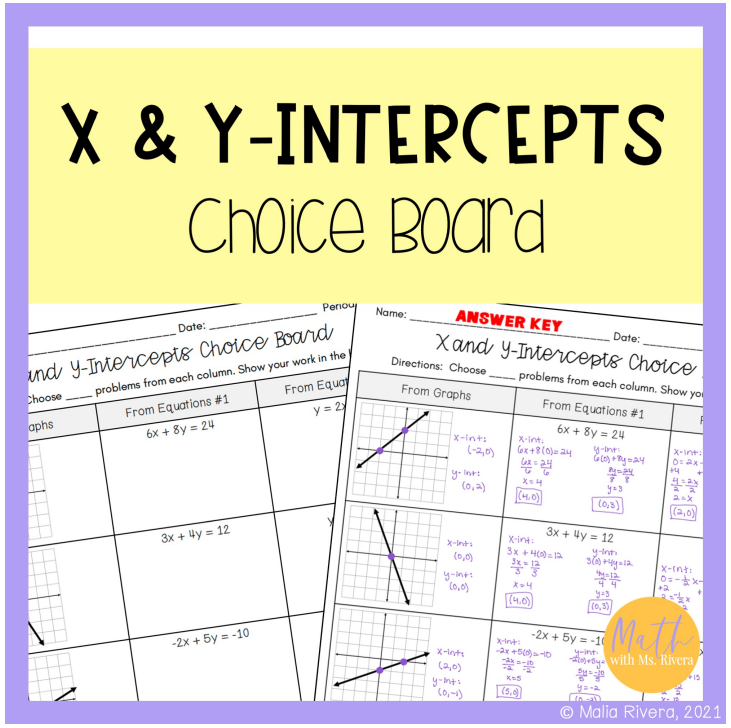
3x - 6y = -24

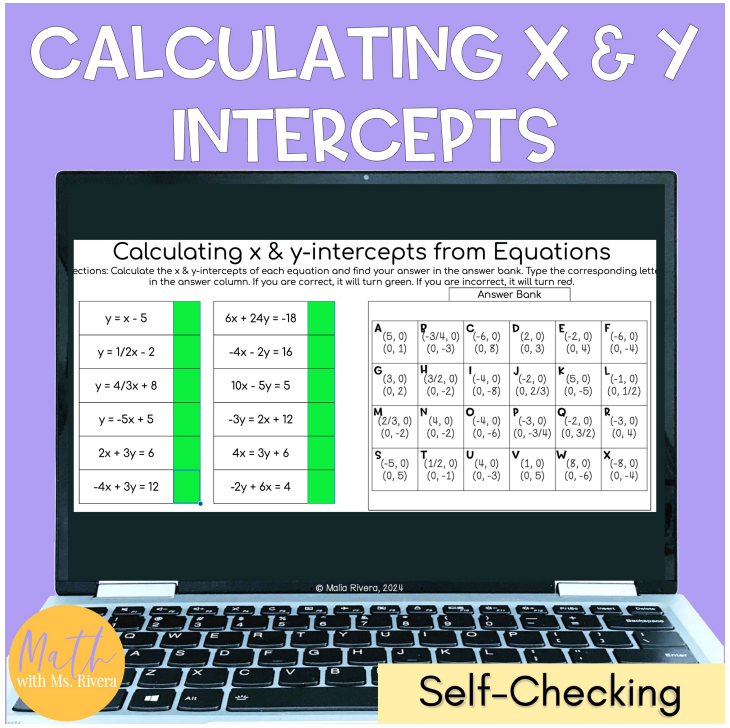
This is a great individual practice activity to use when reviewing how to find the x and y-intercepts from a linear equation.

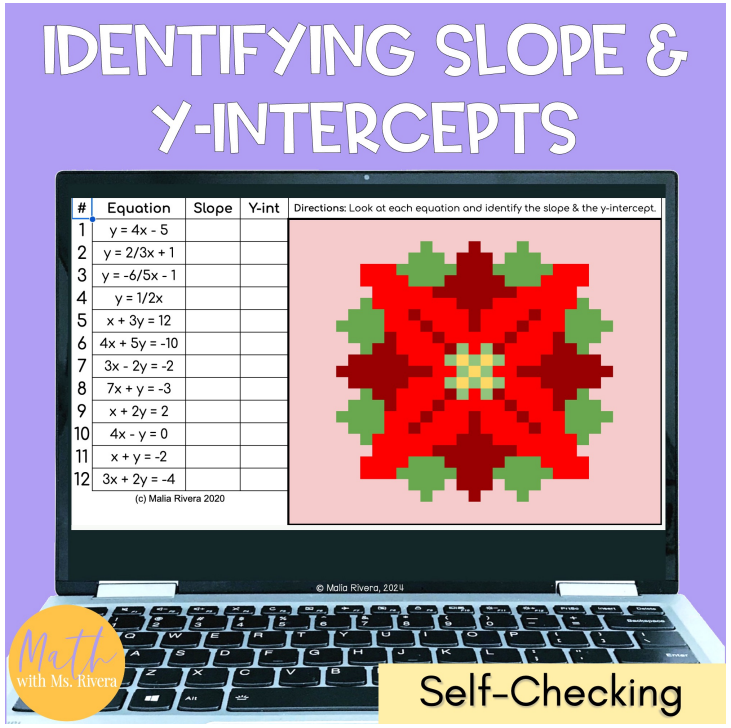
My favorite ways to use this maze worksheet is as a review station in November.

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

You may also *enjoy*...





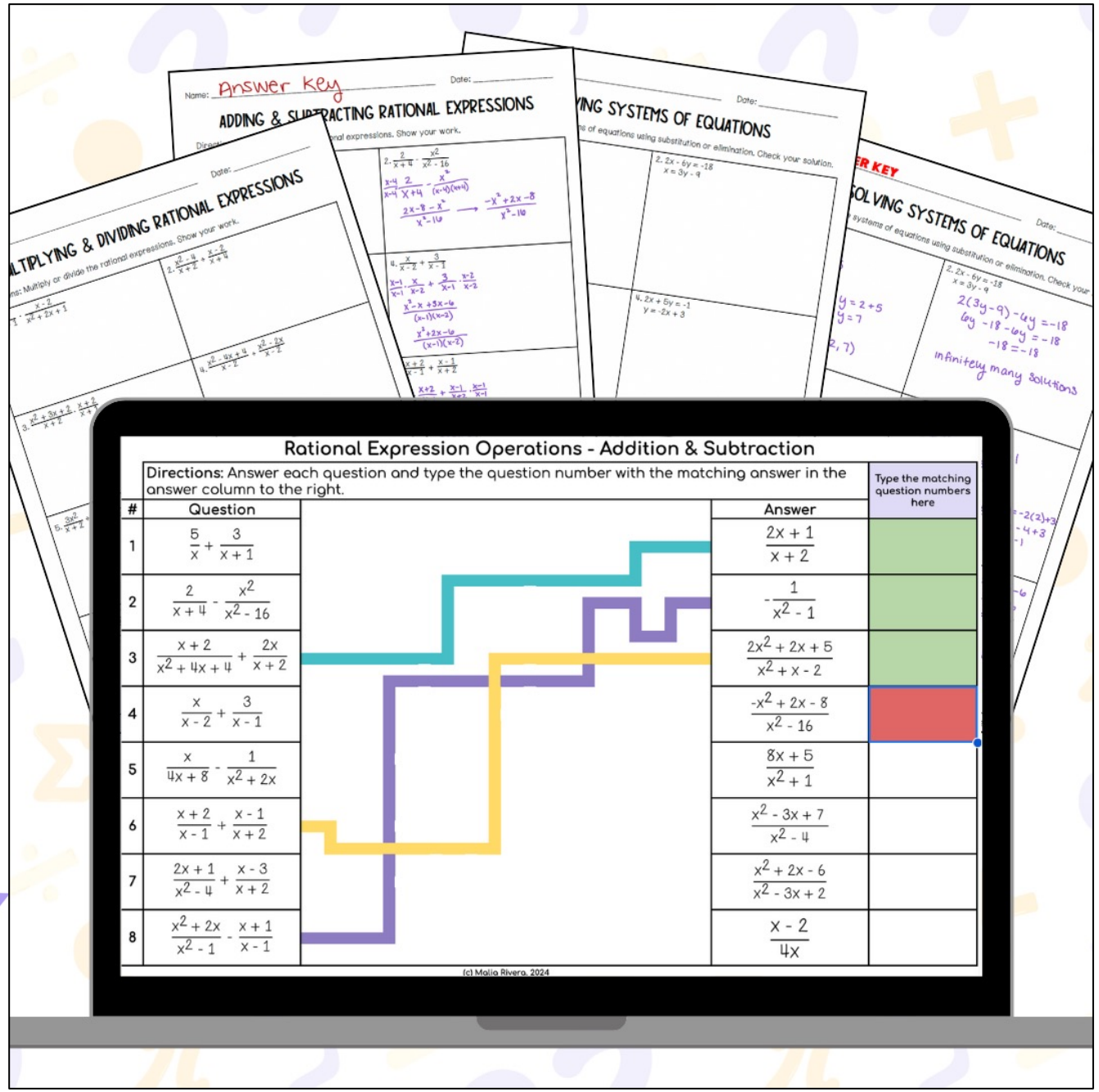


Free Algebra Activities!

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!

Did you know you could get **FREE** money from TPT??

All you need to do is leave feedback on the product after you purchase. Click here to leave reviews and earn credits towards your next TPT purchase!

let's connect!

Follow my TPT store

Follow my Instagram

Email me