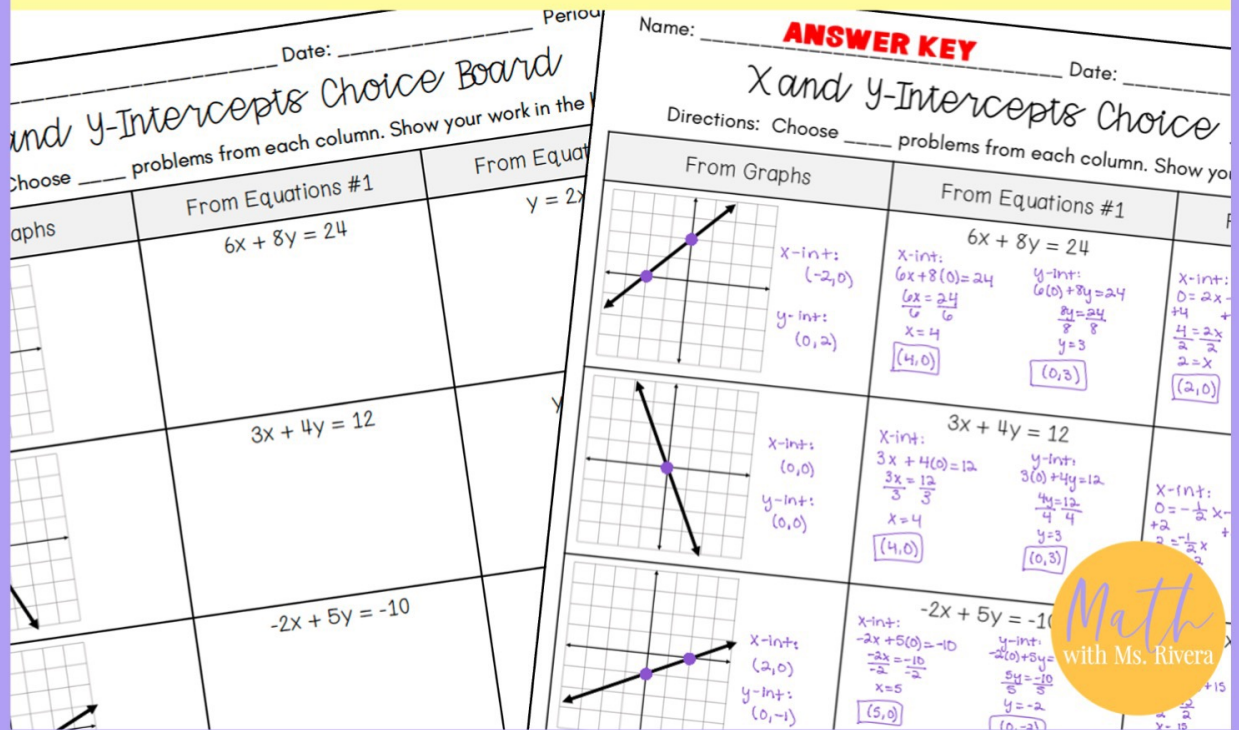
keep scrolling to get a sneak peek!

Help your Algebra 1 students practice **finding x and y-intercepts from graphs and equations**. Your students will benefit from being given choice when it comes to how they want to practice math!

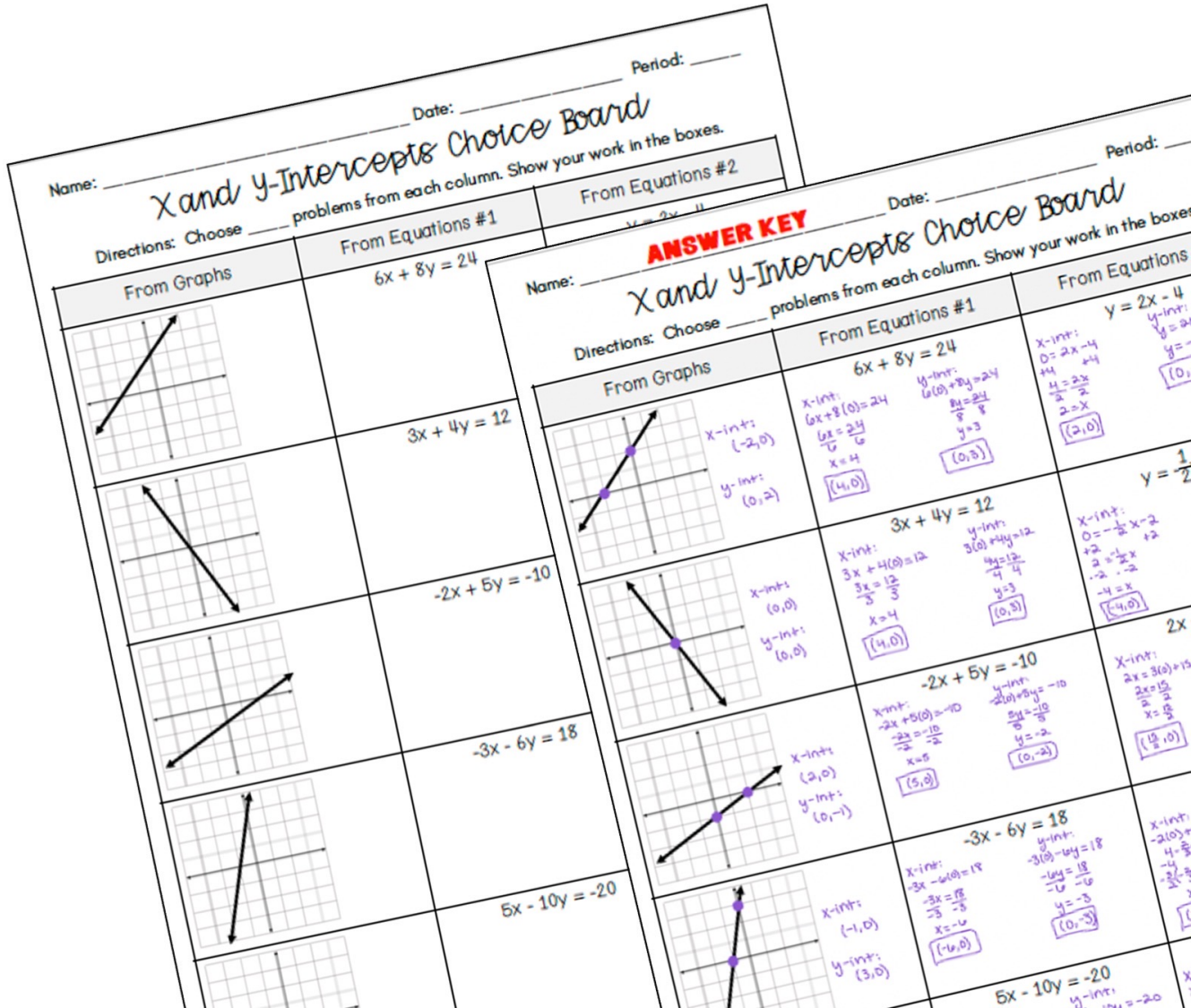
X & Y-INTERCEPTS
Choice Board



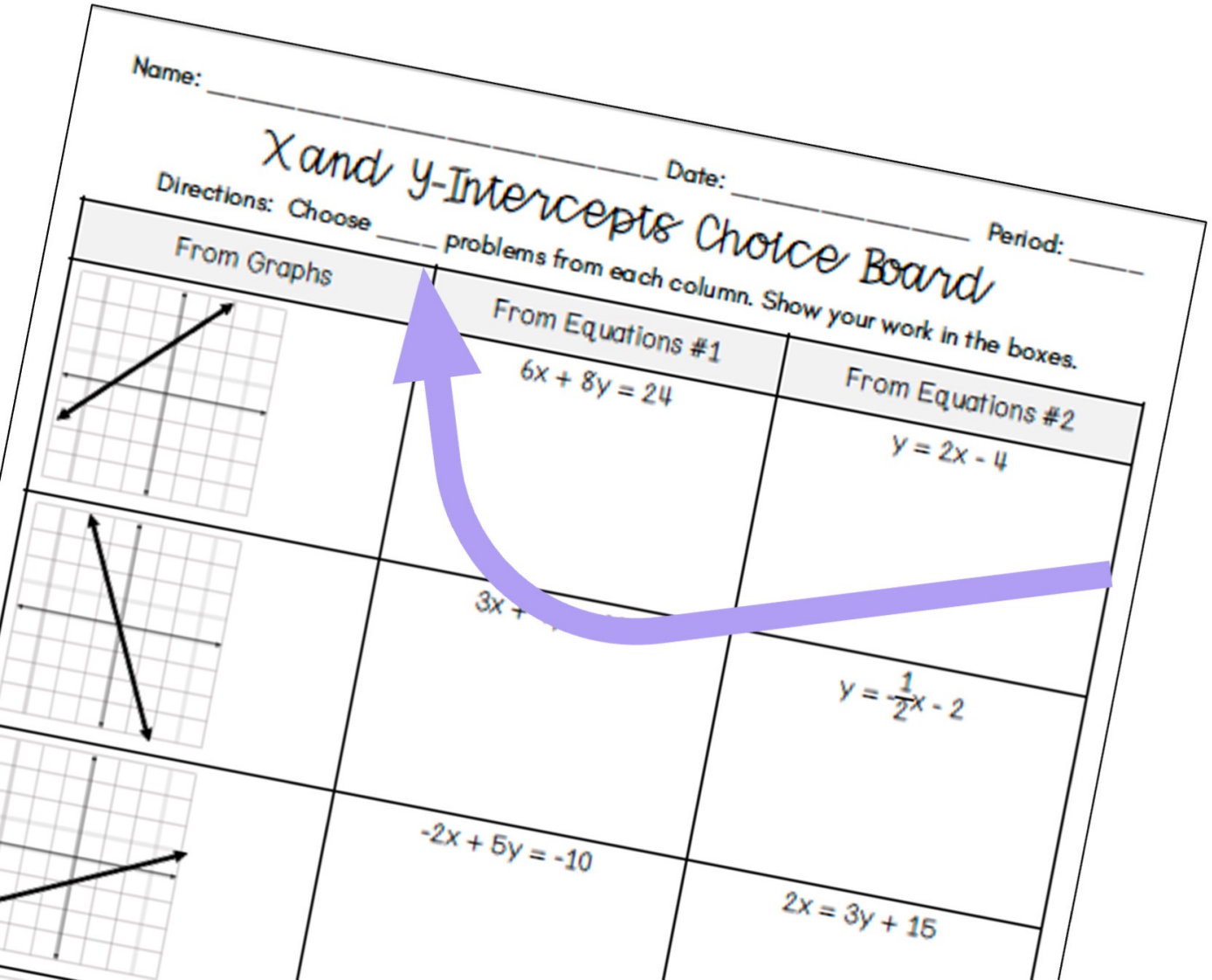
Finding X & Y-Intercepts Choice Board

why do you need this?

- Allowing student choice in how they practice will encourage them to do the practice!
- You can differentiate by the number of problems required of particular students.



Finding X & Y-Intercepts Choice Board *includes*:



✅ printable worksheet

✅ a detailed answer key

✅ 3 columns with 5 questions in each - 15 question total

✅ Spot to assign how many problems students need to complete

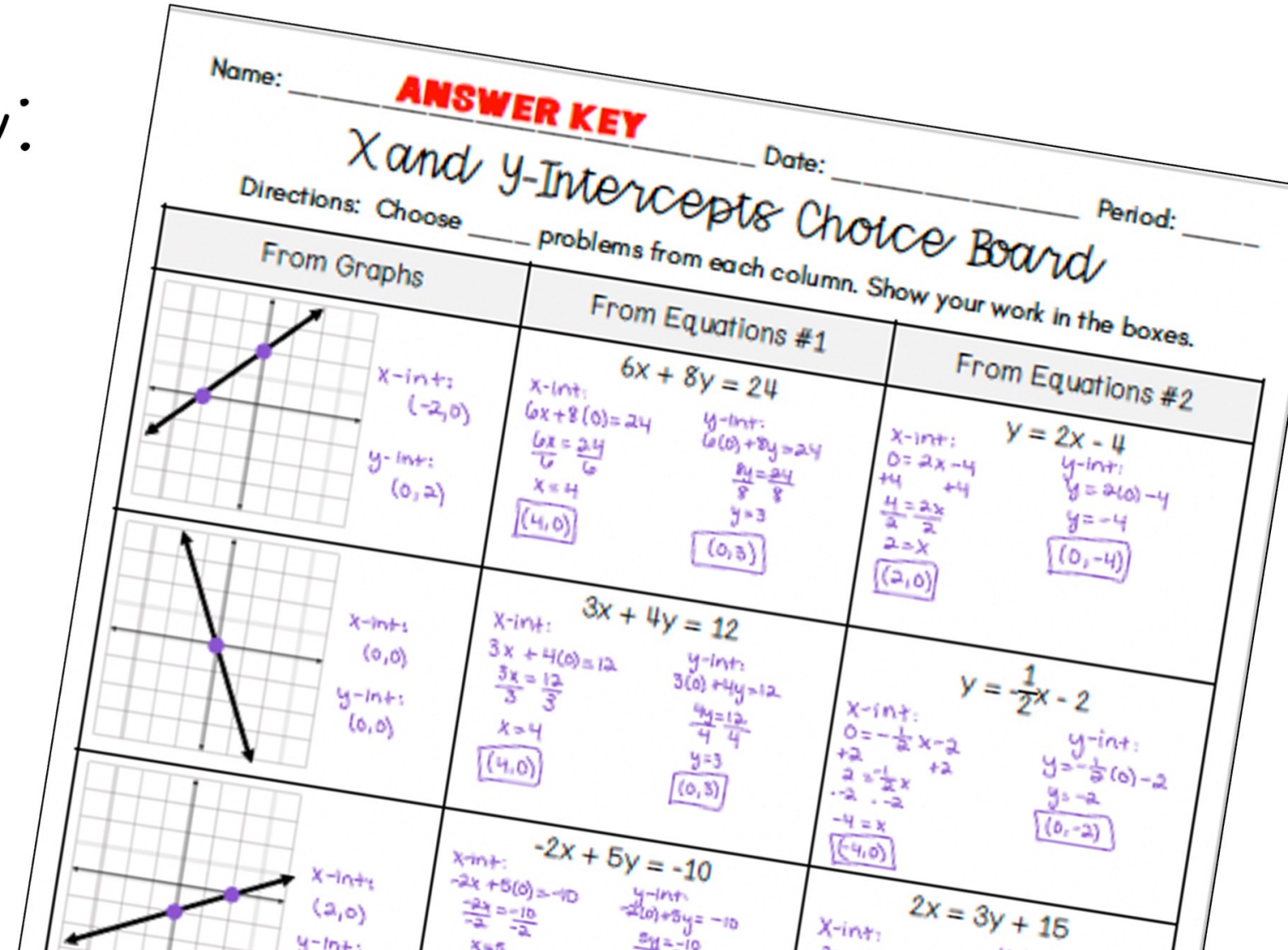
Finding X & Y-Intercepts Choice Board

standards covered:

CCSS: HSA-IF.B.4

TEKs: A1.7.A

VA SOLs: F.A.7.d



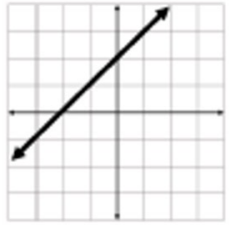
how the choice board resource works

Assign students the number of problems they need to complete from each column.

Name: _____ Date: _____ Period: _____

X and Y-Intercepts Choice Board

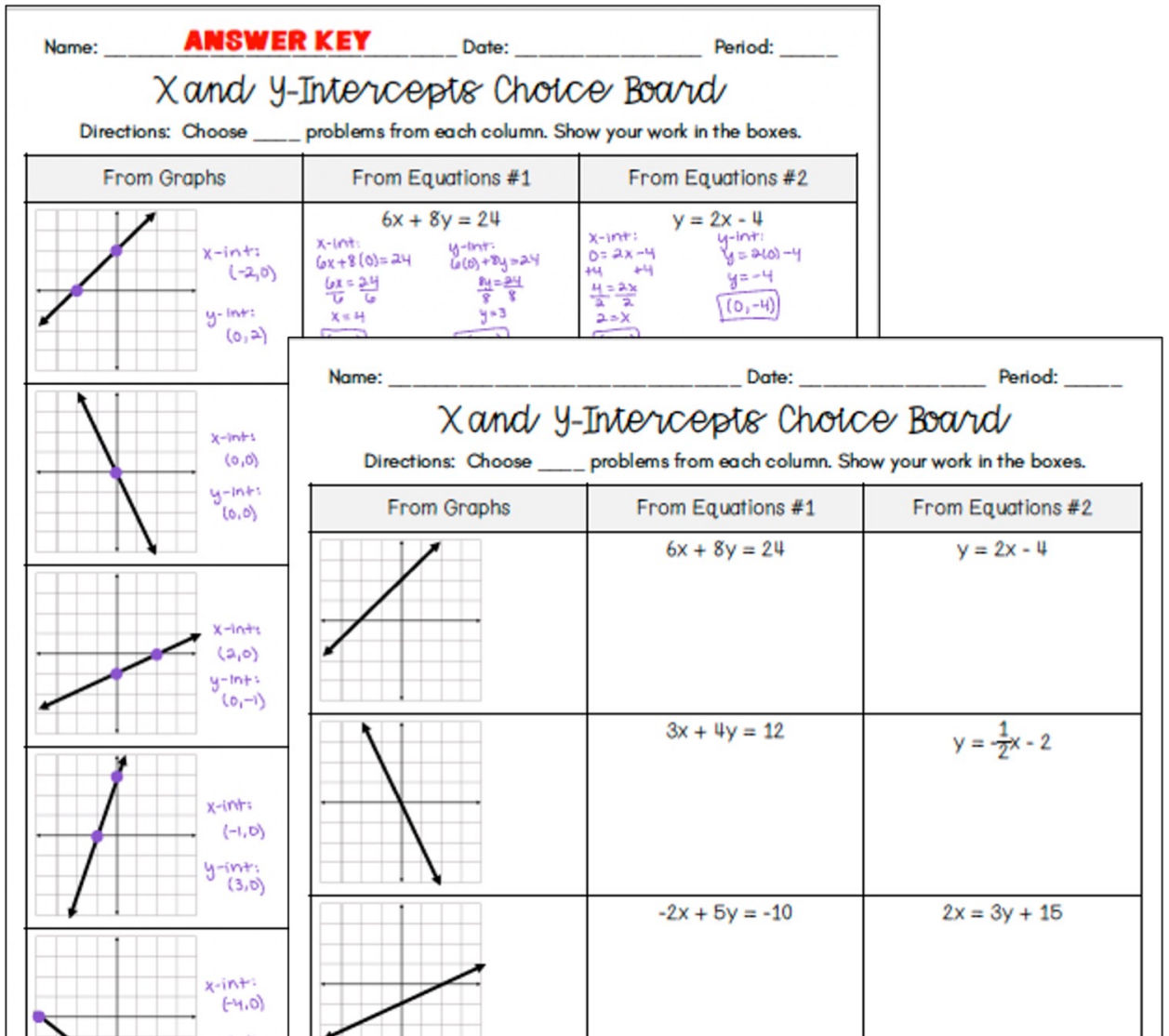
Directions: Choose ____ problems from each column. Show your work in the boxes.

From Graphs	From Equations #1	From Equations #2
	$6x + 8y = 24$	$y = 2x - 4$
	$3x + 4y = 12$	$y = \frac{1}{2}x - 2$
	$-2x + 5y = -10$	$2x = 3y + 15$
	$-3x - 6y = 18$	$-2y + 4 \frac{2}{3}x = 0$

Differentiate the choice board worksheet by reducing the number of problems assigned to show mastery.

Students can complete the any problems they want to in each column and in any order.

how to use this resource


Name: ANSWER KEY Date: _____ Period: _____

X and Y-Intercepts Choice Board

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

From Graphs	From Equations #1	From Equations #2
x-int: (-2,0) y-int: (0,2)	6x + 8y = 24 x-int: 6x+8(0)=24, 6x=24, x=4 y-int: 6(0)+8y=24, 8y=24, y=3	y = 2x - 4 x-int: 0=2x-4, +4 +4, 4=2x, 2=x y-int: y=2(0)-4, y=-4 (0,-4)
x-int: (0,0) y-int: (0,0)		
x-int: (2,0) y-int: (0,-1)		
x-int: (-1,0) y-int: (3,0)		
x-int: (-4,0)		

Name: _____ Date: _____ Period: _____

X and Y-Intercepts Choice Board

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

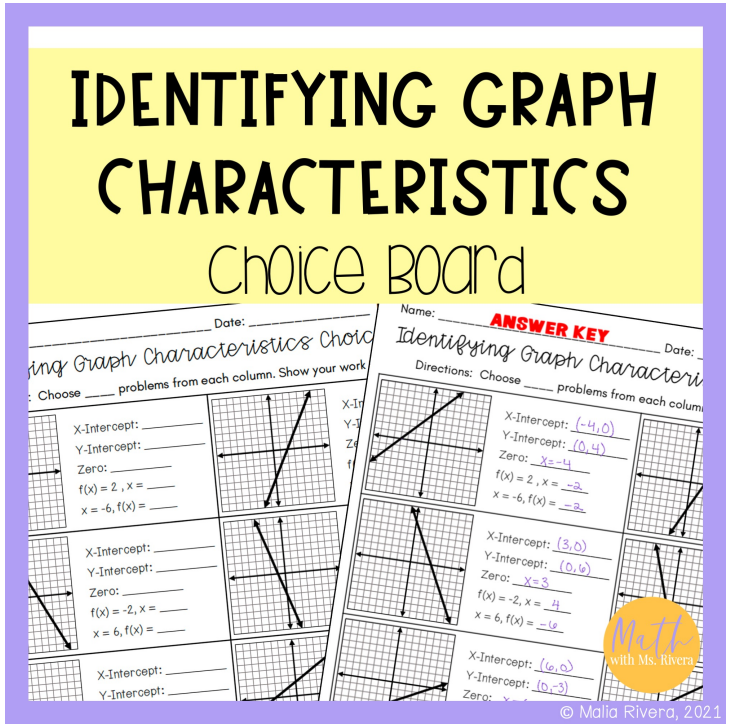
From Graphs	From Equations #1	From Equations #2
	6x + 8y = 24	y = 2x - 4
	3x + 4y = 12	$y = -\frac{1}{2}x - 2$
	-2x + 5y = -10	2x = 3y + 15

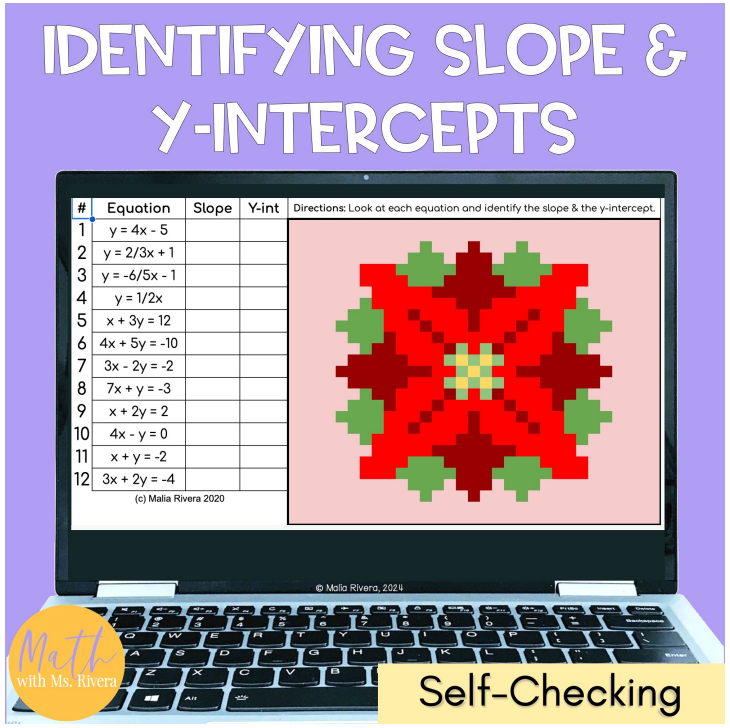
This is a great individual practice activity to use when reviewing how to find x & y-intercepts from graphs and equations.

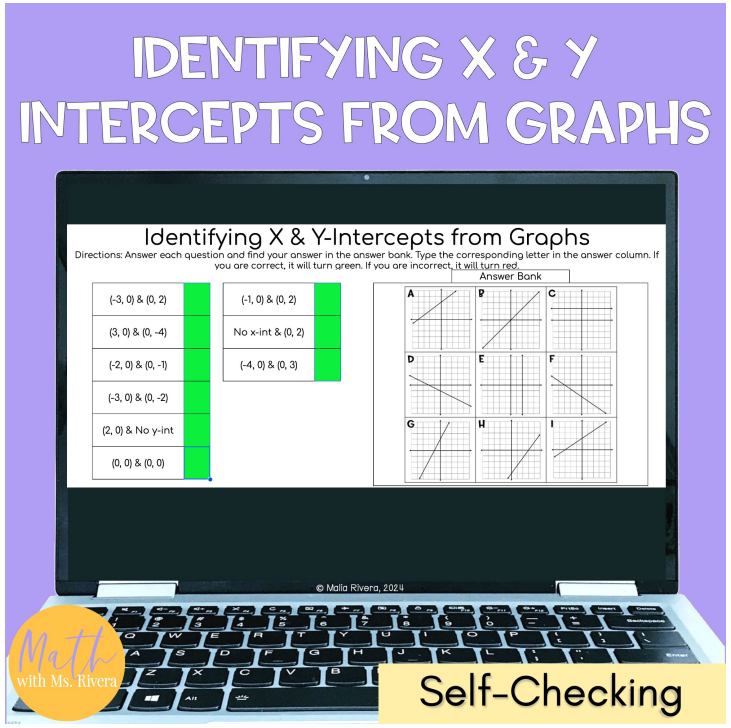
My favorite ways to use this choice board is for homework and math practice stations.

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

You may also *enjoy*...





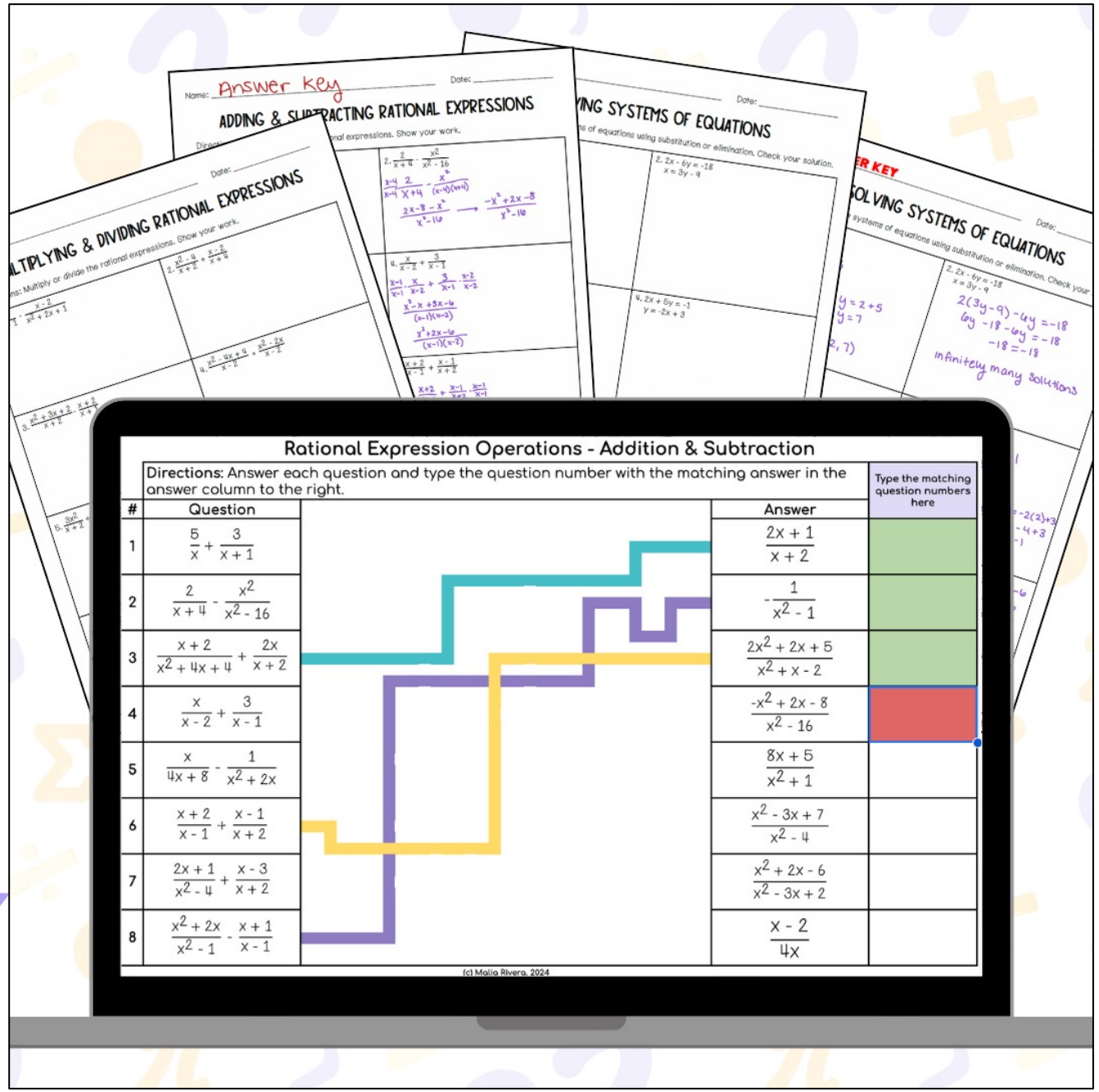


Free Algebra Activities!

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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