

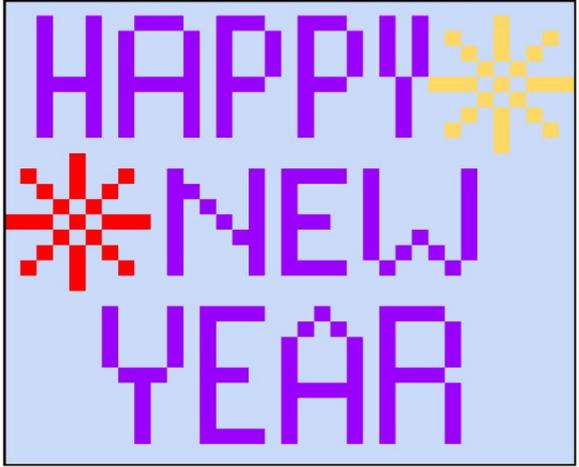
keep scrolling to get
a sneak peek!

Help your Algebra 1 students practice **solving systems of equations**. Students will be eager to get the self-checking benefits from this digital pixel art activity!

SOLVING SYSTEMS OF EQUATIONS REVIEW

Question	Answer	Questions	Answer
1 $2x + 5y = -19$ $-x - 5y = 17$	<input type="text"/>	6 $x - 3y = 12$ $-4x + 3y = 15$	<input type="text"/>
2 $2x - 2y = -24$ $2x + 7y = 12$	<input type="text"/>	7 $-7x + 8y = 6$ $-7x + 6y = 22$	<input type="text"/>
3 $20x + y = 5$ $10x + 7y = 35$	<input type="text"/>	8 $-11x + 12y = 30$ $4x - 4y = -12$	<input type="text"/>
4 $-2x - 8y = 2$ $3x + 5y = -10$	<input type="text"/>	9 $2x + 7y = -22$ $5x + 5y = -30$	<input type="text"/>
5 $-4x - 2y = -12$ $-9x + 11y = 35$	<input type="text"/>	10 $5x - 11y = -34$ $6x + 3y = 24$	<input type="text"/>

Directions: Solve each system of equations using substitution. Type your answer as an ordered pair with no spaces and the picture will appear!



(c) Malia Rivera



Self-Checking

Why do you need this?



It's self-checking! Your students will instantly know if they are correct or not.



Help your students practice this essential math skill.



Your students will be so engaged trying to figure out what the picture is!

Systems of Equations Pixel Art

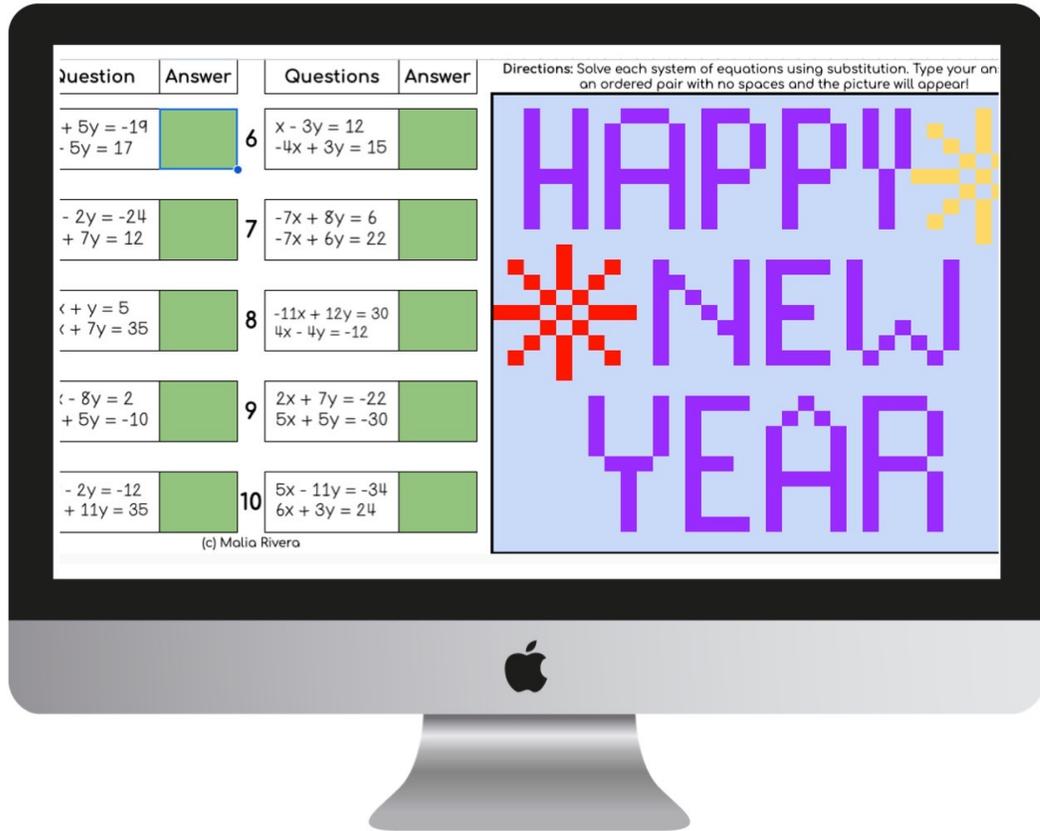
Directions: Solve each system of equations using substitution. Type your answer as an ordered pair with no spaces and the picture will appear!

Question	Answer	Questions	Answer
$\begin{cases} + 5y = -19 \\ - 5y = 17 \end{cases}$	<input type="text"/>	6 $\begin{cases} x - 3y = 12 \\ -4x + 3y = 15 \end{cases}$	<input type="text"/>
$\begin{cases} - 2y = -24 \\ + 7y = 12 \end{cases}$	<input type="text"/>	7 $\begin{cases} -7x + 8y = 6 \\ -7x + 6y = 22 \end{cases}$	<input type="text"/>
$\begin{cases} x + y = 5 \\ x + 7y = 35 \end{cases}$	<input type="text"/>	8 $\begin{cases} -11x + 12y = 30 \\ 4x - 4y = -12 \end{cases}$	<input type="text"/>
$\begin{cases} x - 8y = 2 \\ + 5y = -10 \end{cases}$	<input type="text"/>	9 $\begin{cases} 2x + 7y = -22 \\ 5x + 5y = -30 \end{cases}$	<input type="text"/>
$\begin{cases} - 2y = -12 \\ + 11y = 35 \end{cases}$	<input type="text"/>	10 $\begin{cases} 5x - 11y = -34 \\ 6x + 3y = 24 \end{cases}$	<input type="text"/>

(c) Malia Rivera

HAPPY
NEW
YEAR

Solving Systems of Equations Pixel Art includes:



- ✓ 10 self-checking problems
- ✓ an answer key
- ✓ a self-checking version
- ✓ an assessment version

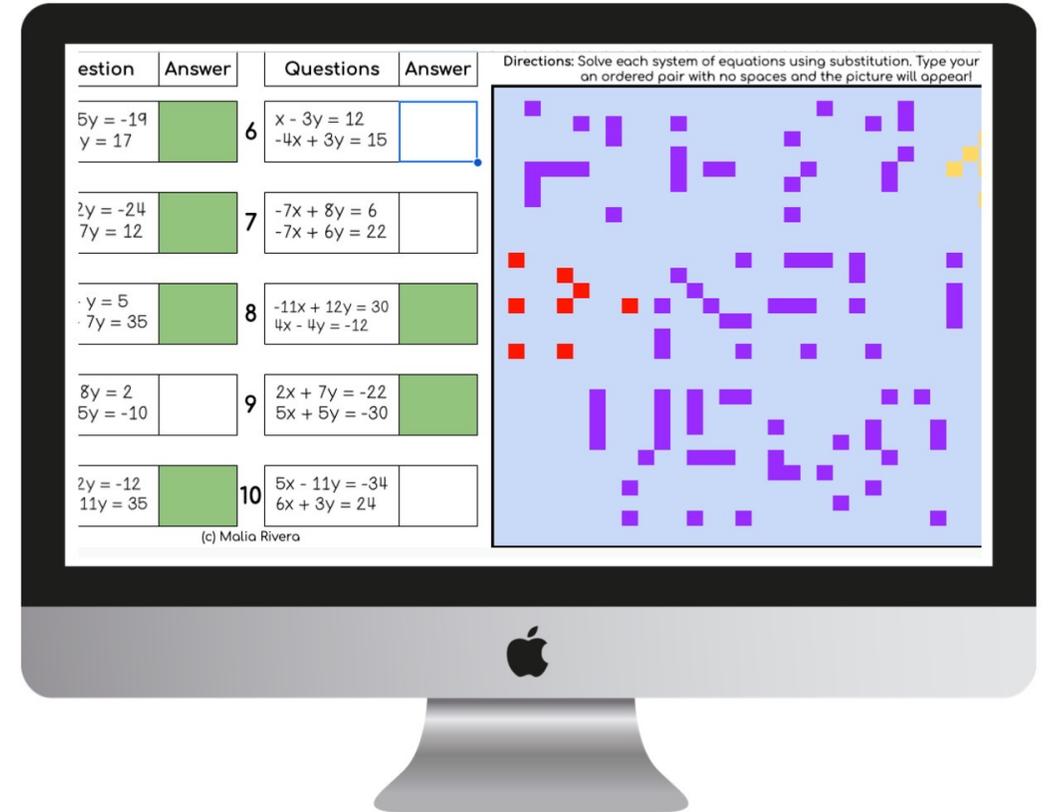
Solving Systems of Equations Pixel Art

standards covered:

CCSS: HSA-REI.C.6

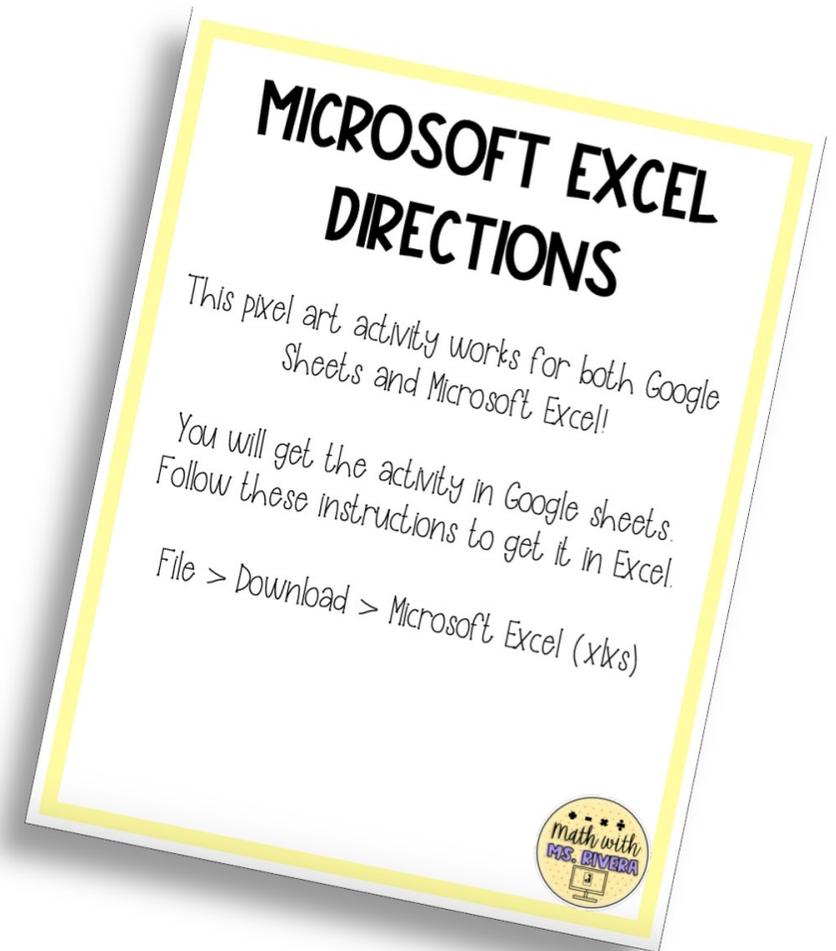
TEKs: A1.5.C

VA SOLs: EI.A.4.d



Solving Systems of Equations Pixel Art

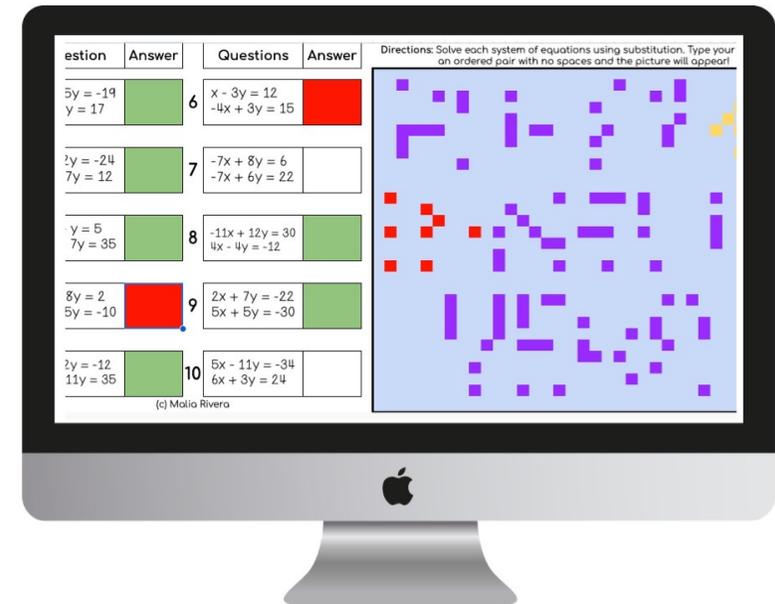
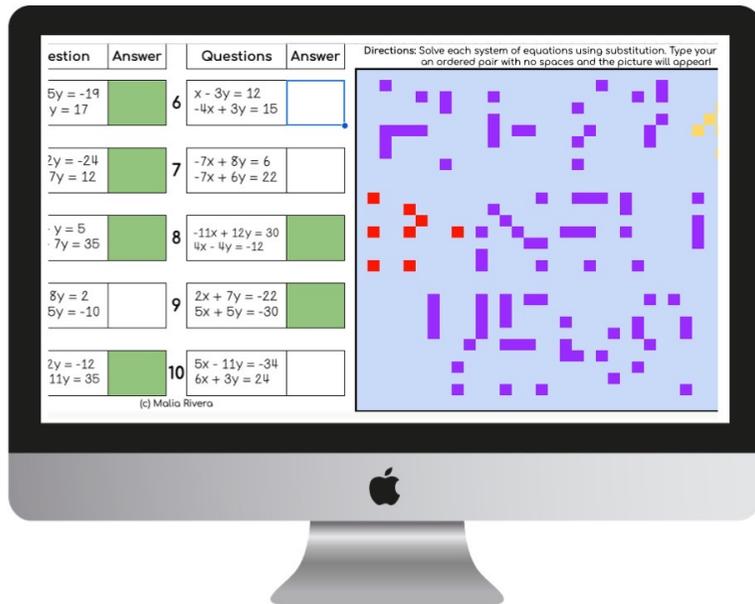
Can be used with Google Sheets
and Microsoft Excel
Directions included!



Solving Systems of Equations Pixel Art

If they answer it correctly, some of the pixels will appear.

If they answer it incorrectly, the answer box will turn red & no pixels appear.



Your students will *love* trying to figure out what the picture is WHILE doing math!

how to use this resource

Question	Answer	Questions	Answer
$\begin{cases} +5y = -19 \\ -5y = 17 \end{cases}$	Green	6 $\begin{cases} x - 3y = 12 \\ -4x + 3y = 15 \end{cases}$	Red
$\begin{cases} -2y = -24 \\ +7y = 12 \end{cases}$	Green	7 $\begin{cases} -7x + 8y = 6 \\ -7x + 6y = 22 \end{cases}$	White
$\begin{cases} x + y = 5 \\ x + 7y = 35 \end{cases}$	Green	8 $\begin{cases} -11x + 12y = 30 \\ 4x - 4y = -12 \end{cases}$	Green
$\begin{cases} x - 8y = 2 \\ +5y = -10 \end{cases}$	Red	9 $\begin{cases} 2x + 7y = -22 \\ 5x + 5y = -30 \end{cases}$	Green
$\begin{cases} -2y = -12 \\ +11y = 35 \end{cases}$	Green	10 $\begin{cases} 5x - 11y = -34 \\ 6x + 3y = 24 \end{cases}$	White

Directions: Solve each system of equations using substitution. Type your answer as an ordered pair with no spaces and the picture will appear!

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This is a great activity to use when reviewing how to solve systems of equations.

It can be used right after teaching the concept or as homework.

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

You may also enjoy...

SYSTEM OF EQUATIONS DIFFERENTIATED CIRCUITS

Unit Worksheet Bundle

3 TOPICS + 2 VERSIONS Each + Answer keys

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CHOICE BOARDS BUNDLE

SYSTEMS OF EQUATIONS

Algebra I

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SYSTEMS OF EQUATIONS

Digital Activity Bundle

Algebra

Math with Ms. Rivera

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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 this activity too!

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