

keep scrolling to get
a sneak peek!

Help your students practice
**solving multistep equations
with variables on both sides.**
Students will be eager to get
the self-checking benefits from
this digital pixel art activity!

SOLVING MULTISTEP EQUATIONS

#	Question	Answer	Directions: Answer each question correctly and pixels will appear to reveal a picture!
1	$2x - 8 = 12 + 6x$		
2	$7x + 2x = 14 - x + 8x$		
3	$5 - 8x = 2x - 5(-1 + x)$		
4	$5(5x + 4) = 6x + 39$		
5	$-8(x - 6) + 7 = 16 + 5x$		
6	$-5x + 11 = -8(4 + 6x)$		
7	$-x + 5x = -12 - 2x$		
8	$4x - 3 = 3x - 6$		
9	$6x + 28 = 3x - 4(6 - 4x)$		
10	$2(-x - 6) = -36 + 4x$		
11	$8(7x + 5) = 40 - x$		
12	$3(1 - 3x) = -8x$		

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Self-Checking

Why do you need this?

Multistep Equations with Variables on Both Sides Pixel Art



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!

#	Question	Answer	Directions: Answer each question correctly and pixels will appear to reveal a picture!
1	$2x - 8 = 12 + 6x$		
2	$7x + 2x = 14 - x + 8x$		
3	$5 - 8x = 2x - 5(-1 + x)$		
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12	$3(1 - 3x) = -8x$		

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Multistep Equations Variables Both Sides Pixel Art includes:



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

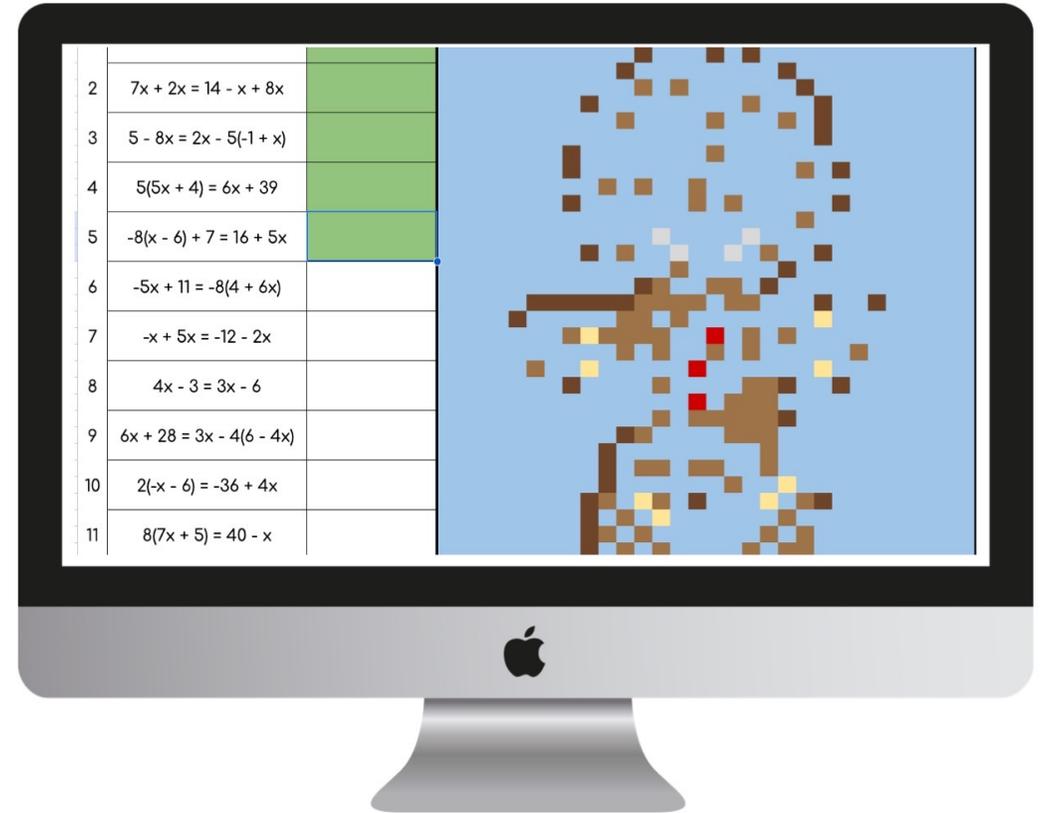
Solving Multistep Equation Pixel Art

standards covered:

CCSS: 8.EE.C.7, HSA-REI.C.7

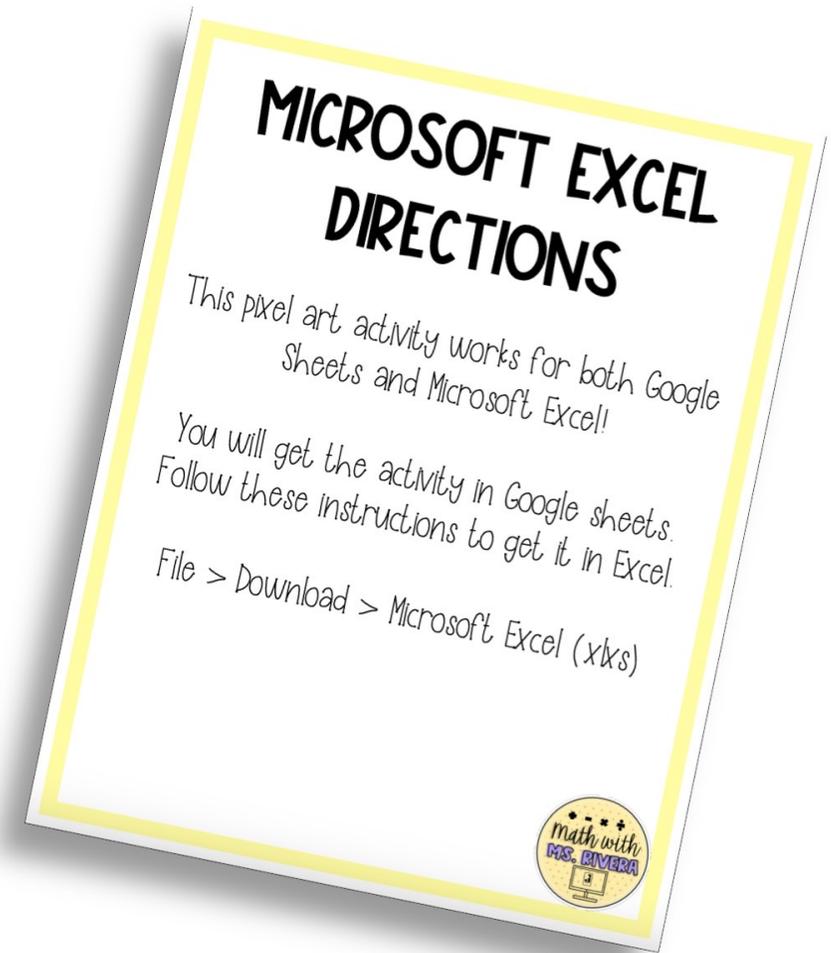
TEKs: 8.8.A

VA SOLs: PFA.8.17, EI.A.4.a



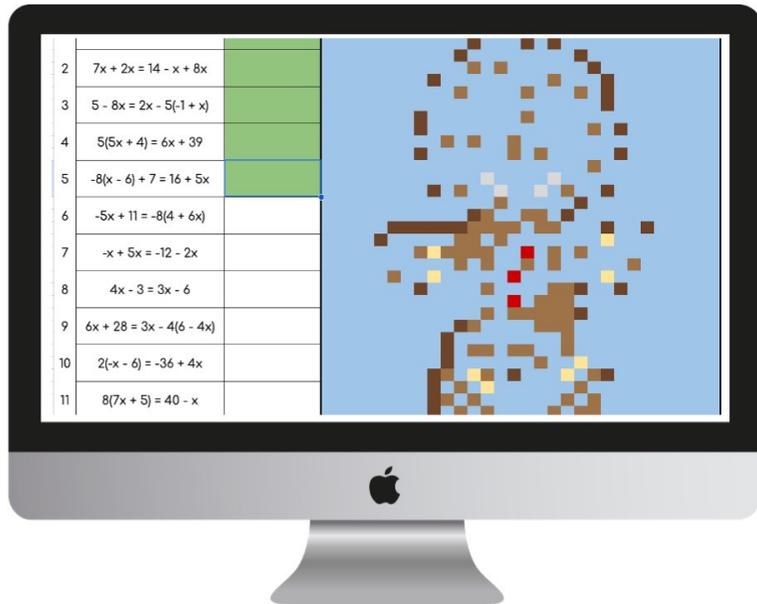
Solving Multistep Equations Pixel Art

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

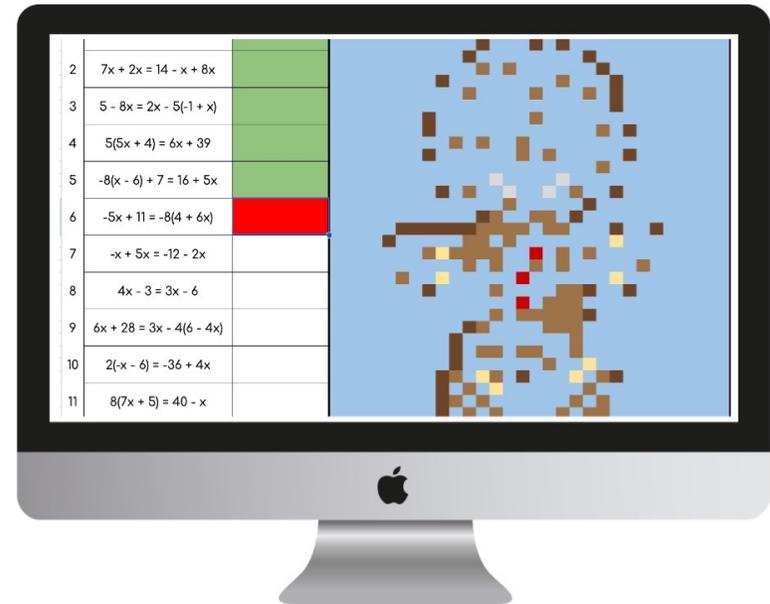


Solving Multistep Equations Pixel Art

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

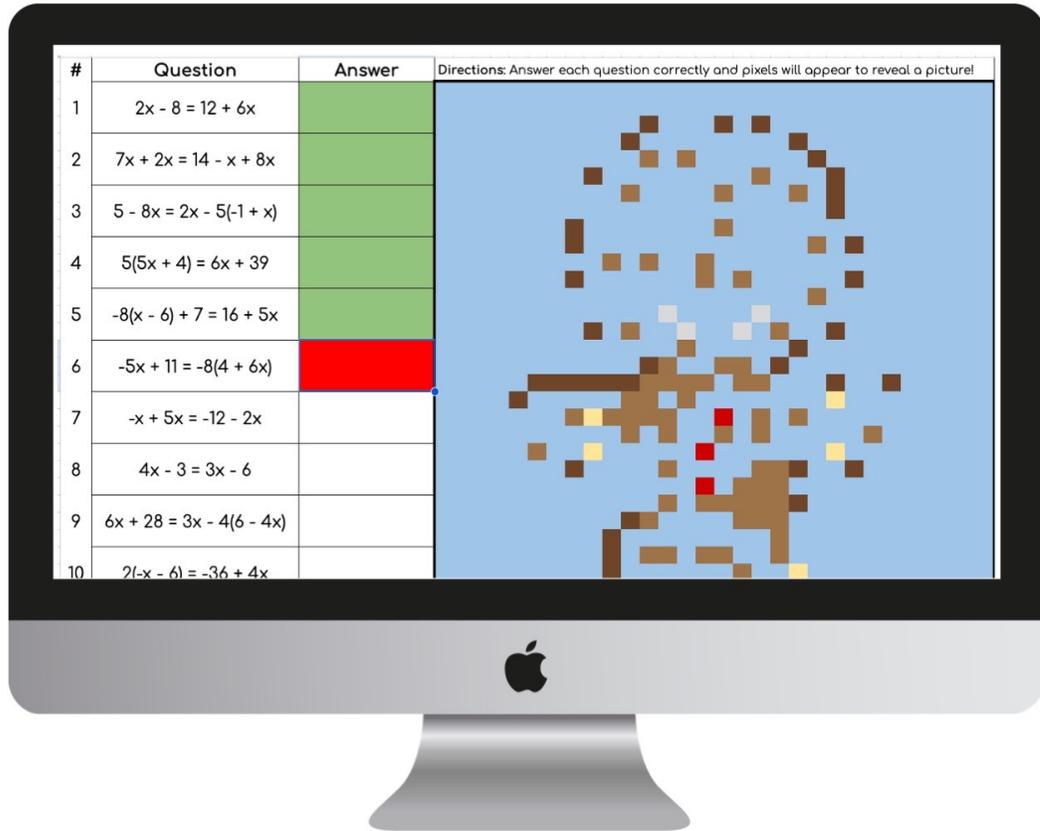


If they answer it incorrectly, the answer box will turn red & no pixels appear.



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

how to use this resource



This is a great activity to use when reviewing how to solve multistep equations with variables on both sides.

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

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



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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