

keep scrolling to  
get a sneak peek!

Help your Algebra 1 or Algebra 2 students practice solving quadratic equations by completing the square. Students will be eager to get the self-checking benefits from this digital pixel art activity!

# COMPLETING THE SQUARE PIXEL ART

#	Question	Answer
1	$x^2 - x - 11 = -5$	
2	$x^2 + 5x - 1 = -5$	
3	$x^2 - 3x - 65 = 5$	
4	$x^2 + 17x - 50 = 10$	
5	$4x^2 + 12x - 63 = 9$	
6	$6x^2 + 9x - 8 = -2$	
7	$4x^2 + 6x + 12 = 10$	
8	$5x^2 - 5x - 97 = 3$	

Directions: Answer each question correctly and pixels will appear to reveal a picture!  
Type your answer in order from least to greatest separated by a comma and NO spaces.



Why do you need this?



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

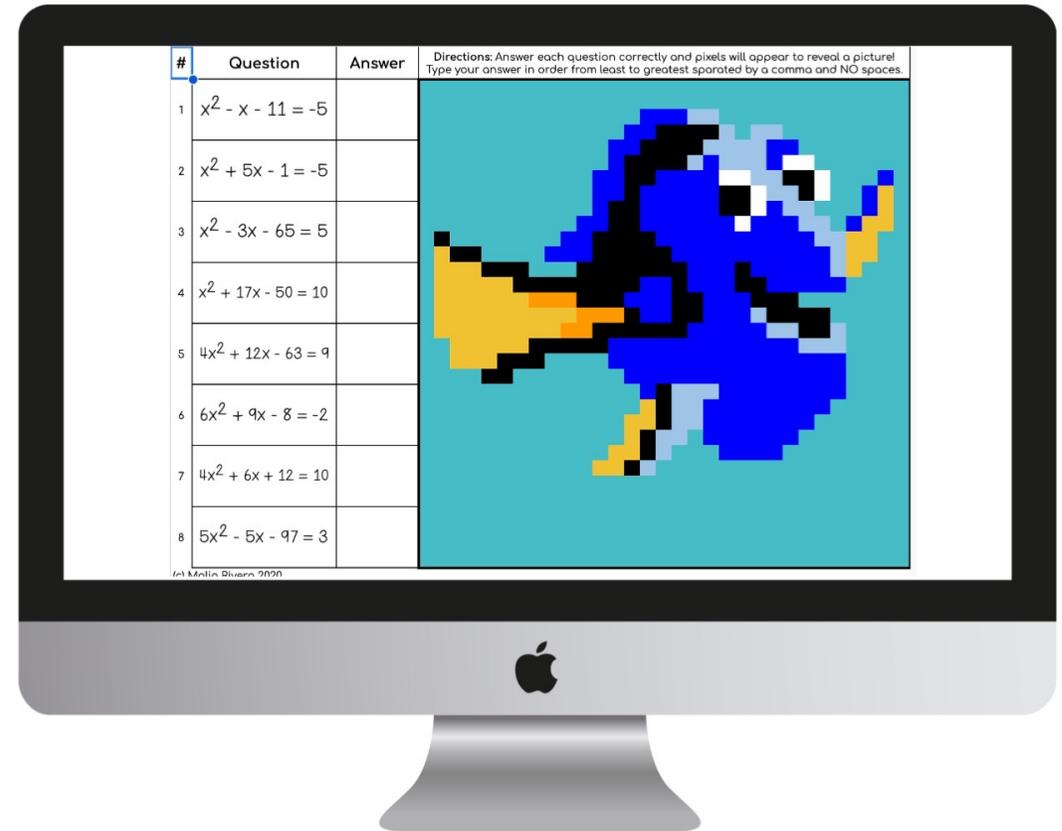


Help your students practice this essential math skill.

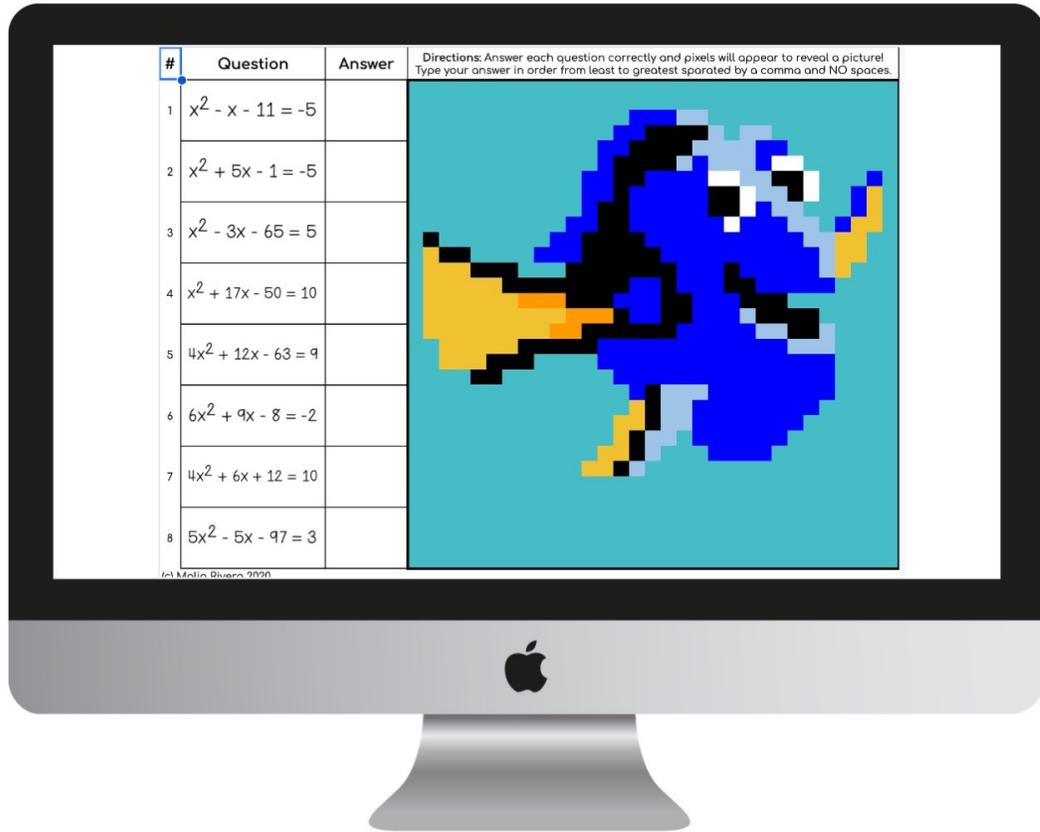


Your students will be so engaged trying to figure out what the picture is!

# Solving Quadratic Equations by Completing the Square



# Completing the Square Pixel Art includes:



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

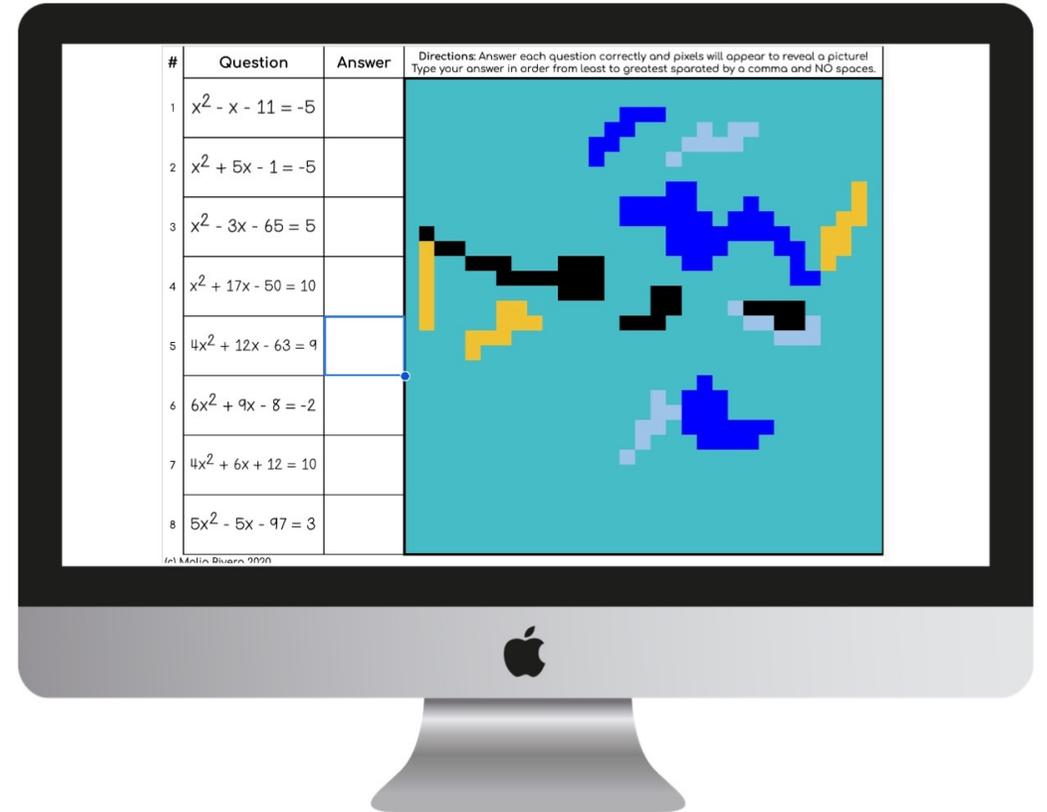
# Completing the Square Pixel Art

standards covered:

**CCSS:** HSA-REI.B.4

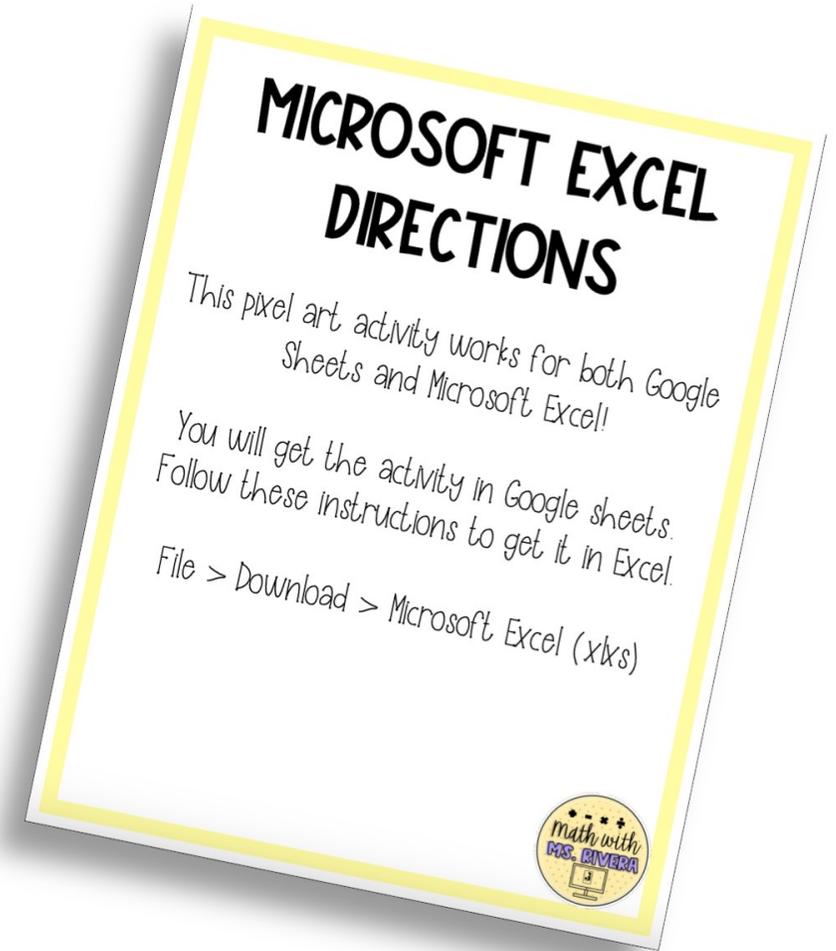
**TEKs:** A1.8.A

**VA SOLs:** EO.All.1.c



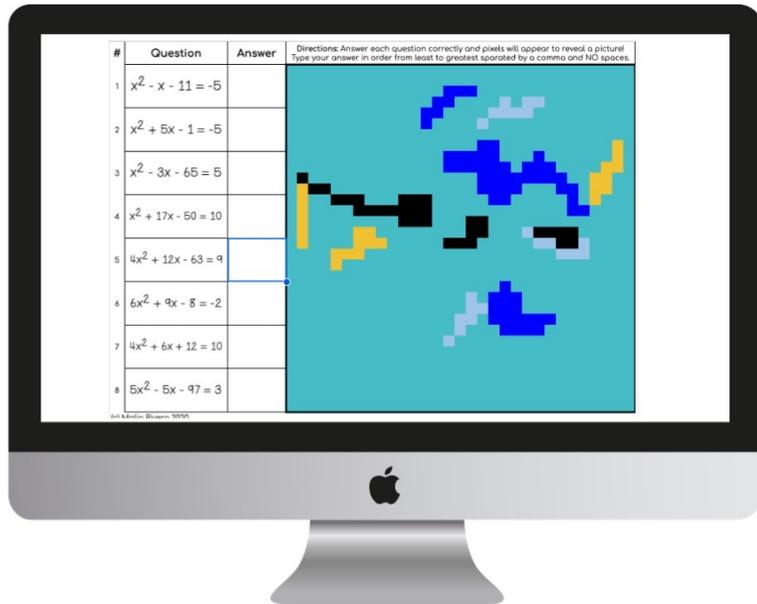
# Completing the Square Pixel Art

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

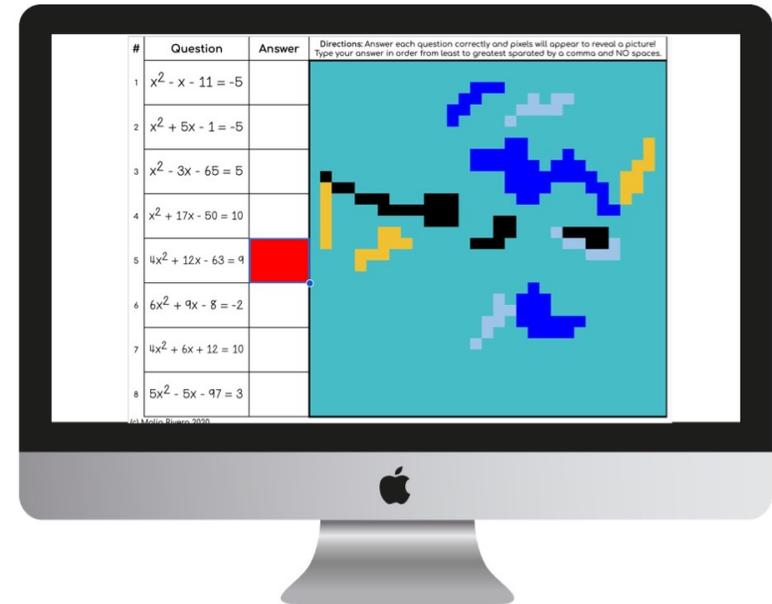


# Completing the Square Pixel Art

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

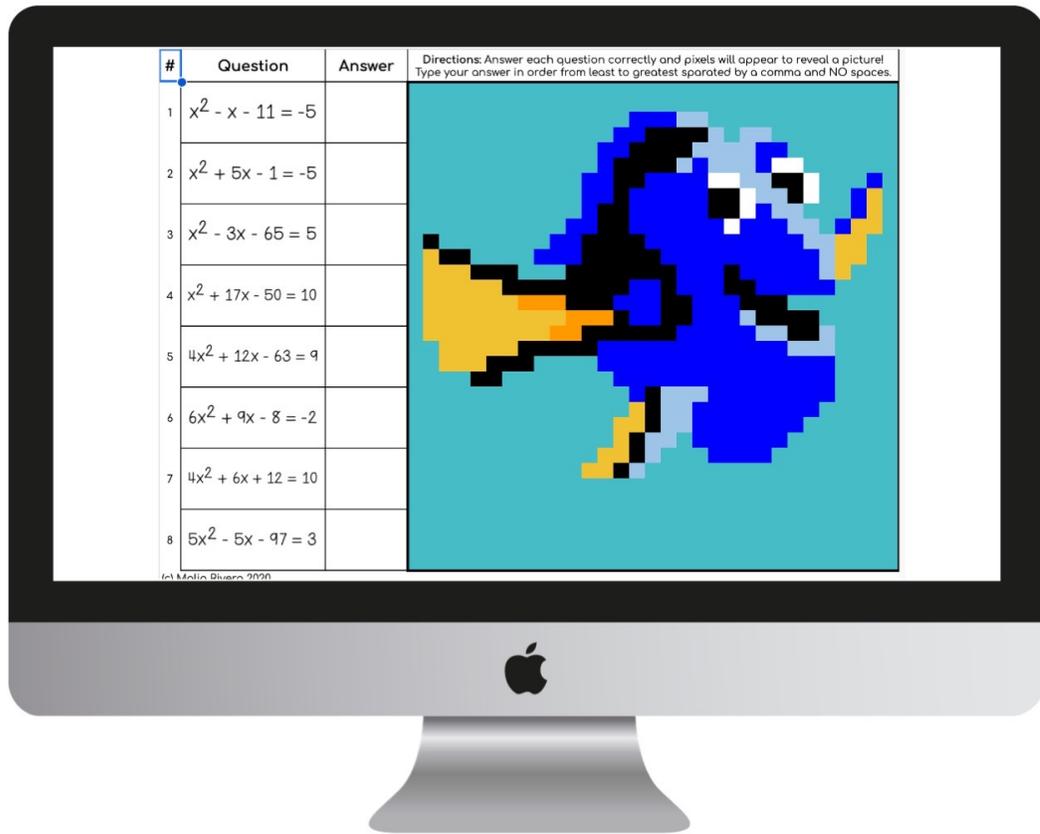


If they answer it incorrectly, the answer box will turn red & no pixels appear.



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 quadratic equations by completing the square.

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

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

# Check out what *other teachers* are saying:



"My students really liked this assignment. They enjoyed working together and were more aware of and motivated to find their mistakes when the box turned red. It was also something different for them in class."  
- Jessica Z.



"My students love pixel art. I love them because it gives them instant feedback on the correct answer. I have students turn in their work before they receive credit."  
- Susan L.



"Great activity for going over completing the square. Thank you!!"  
- mscasiasmth (TPT Seller)

You may also enjoy ...

## QUADRATICS & COMPLEX NUMBERS

### Algebra 2 Guided Notes

Answer key included

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## COMPLETING THE SQUARE

### Algebra 2 Guided Notes

Answer key included

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## SOLVING QUADRATICS BY FACTORING

### Color by Number Worksheet

Answer key included

© Malia Rivera, 2023

Buy the Bundle & *save!*

This bundle includes 9 digital activities that will allow your students to have fun while solving factoring.

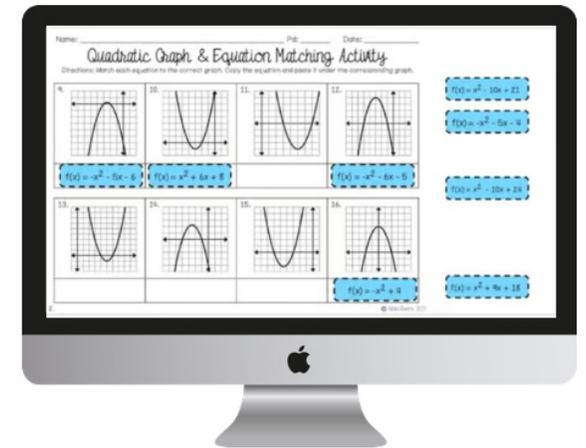
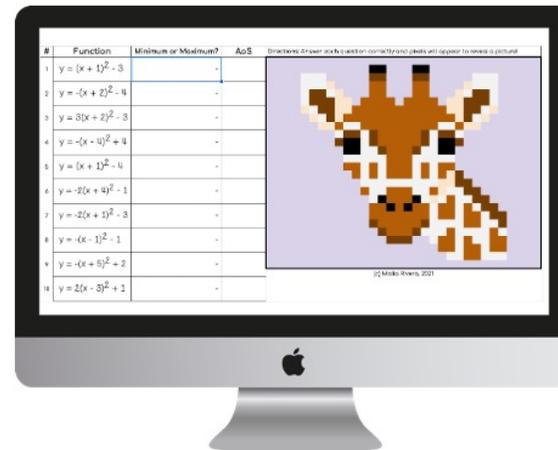
There is a mix of pixel art, self-checking, and drag & drop activities in the bundle

check it out!

# QUADRATICS

Digital Activity Bundle

Algebra





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 pixel art activity too!

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