

keep scrolling to  
get a sneak peek!

Help your Algebra 1 students practice factoring trinomials when  $A > 1$ . Students will be eager to get the self-checking benefits from this digital pixel art activity!

# FACTORING TRINOMIALS

## A > 1 PIXEL ART

#	Question	Answer	Directions: Answer each question correctly and pixels will appear to reveal a picture!
1	$9x^2 - 9x - 28$		 <p>(c) Malia Rivera 2021</p>
2	$5x^2 + 64x - 84$		
3	$8x^2 + 39x + 28$		
4	$4x^2 + x - 18$		
5	$10x^2 + 31x - 36$		
6	$6x^2 - x - 40$		
7	$4x^2 - 3x - 7$		
8	$2x^2 + 23x + 65$		
9	$10x^2 + 23x + 12$		
10	$3x^2 - 32x - 48$		
11	$6x^2 - 13x + 5$		
12	$8x^2 - 33x + 4$		
13	$11x^2 - 21x + 10$		
14	$6x^2 - 7x - 90$		
15	$7x^2 + 27x - 40$		

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Why do you need this?



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



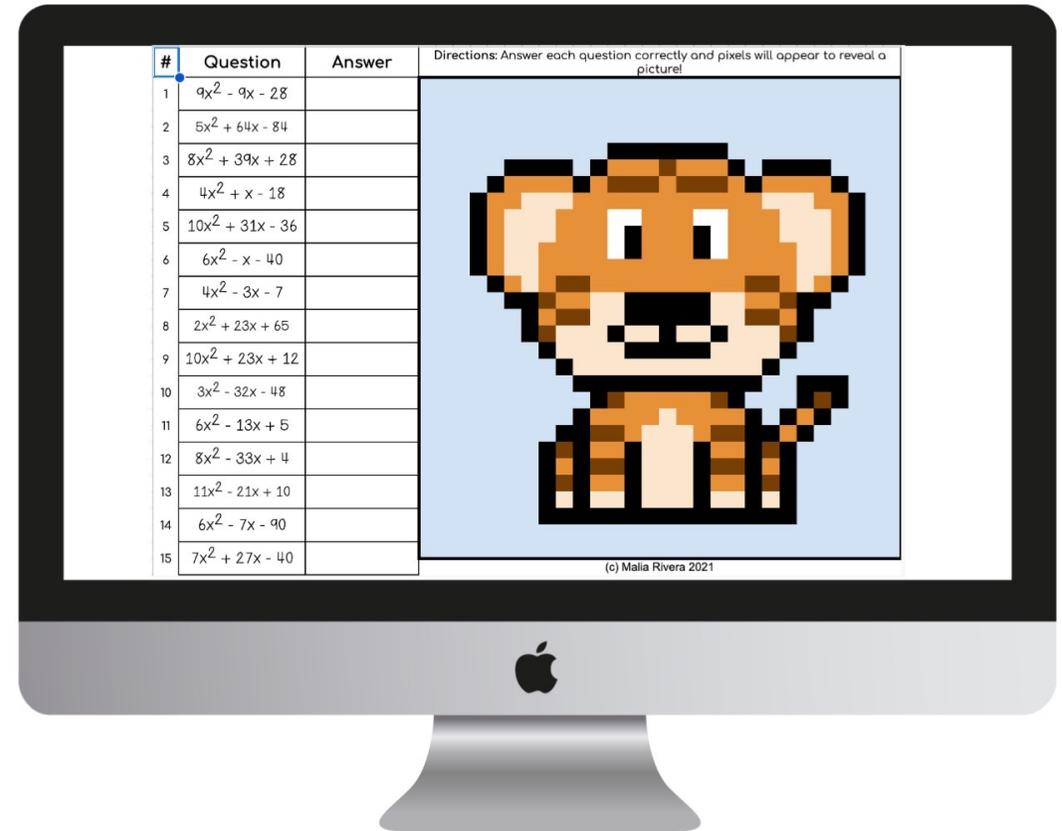
Help your students practice this essential math skill.



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

# Factoring Trinomials

## $A > 1$



# Factoring Trinomials $A > 1$ Pixel Art includes:

#	Question	Answer
1	$9x^2 - 9x - 28$	
2	$5x^2 + 64x - 84$	
3	$8x^2 + 39x + 28$	
4	$4x^2 + x - 18$	
5	$10x^2 + 31x - 36$	
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14	$6x^2 - 7x - 90$	
15	$7x^2 + 27x - 40$	

Directions: Answer each question correctly and pixels will appear to reveal a picture!

(c) Malia Rivera 2021

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

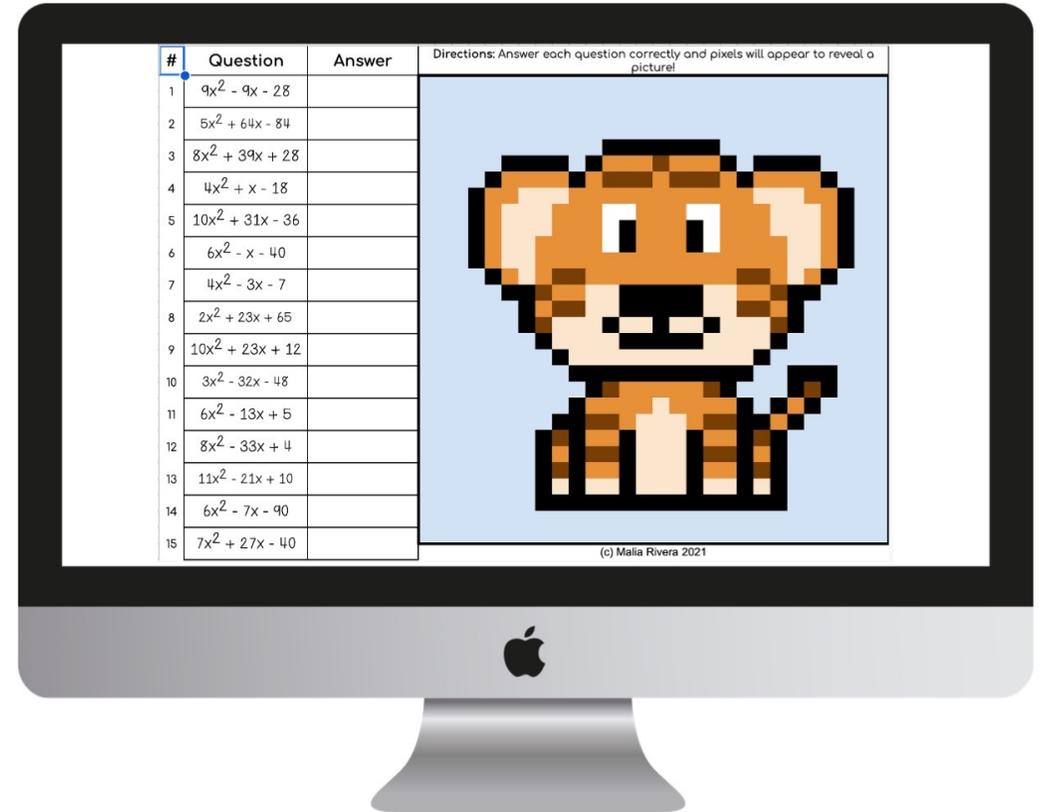
# Factoring Trinomials A > 1 Pixel Art

standards covered:

**CCSS:** HSA-SSE.B.3.a

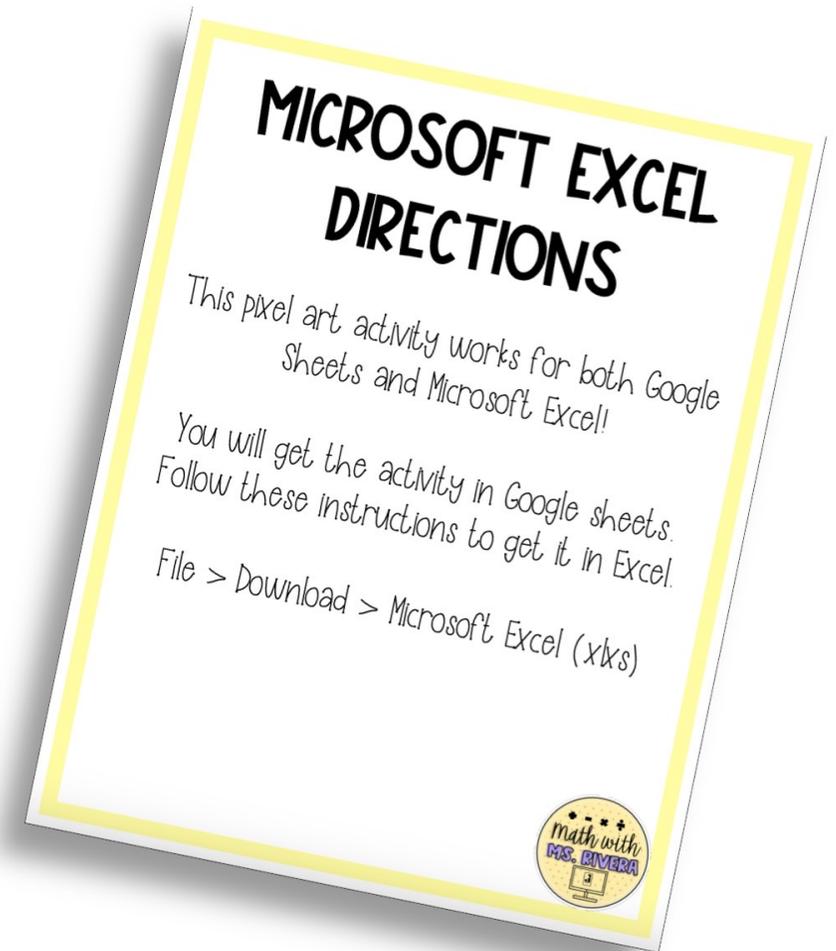
**TEKs:** A1.10.E

**VA SOLs:** EO.A.2.c



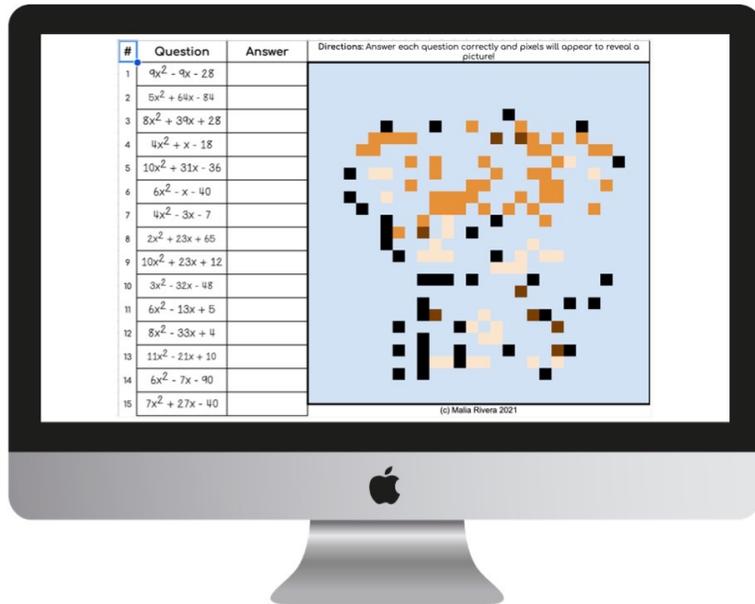
# Factoring Trinomials $A > 1$ Pixel Art

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

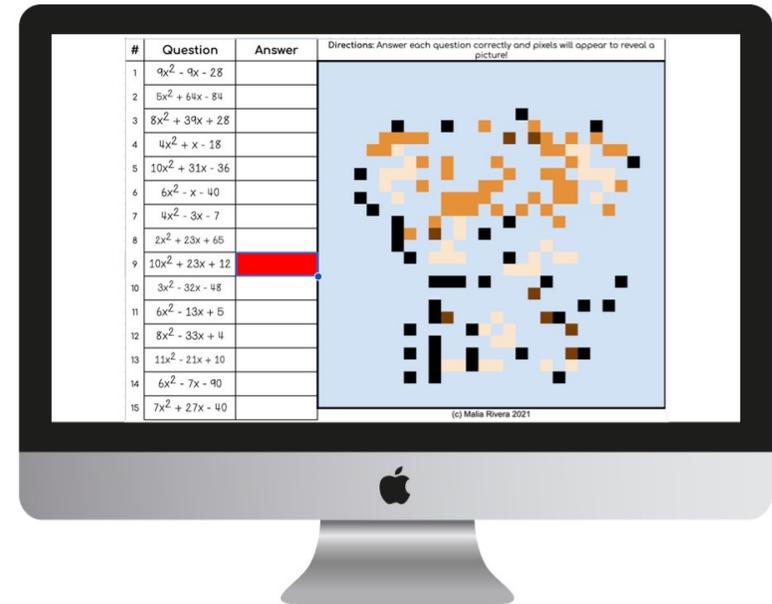


# Factoring Trinomials $A > 1$ Pixel Art

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

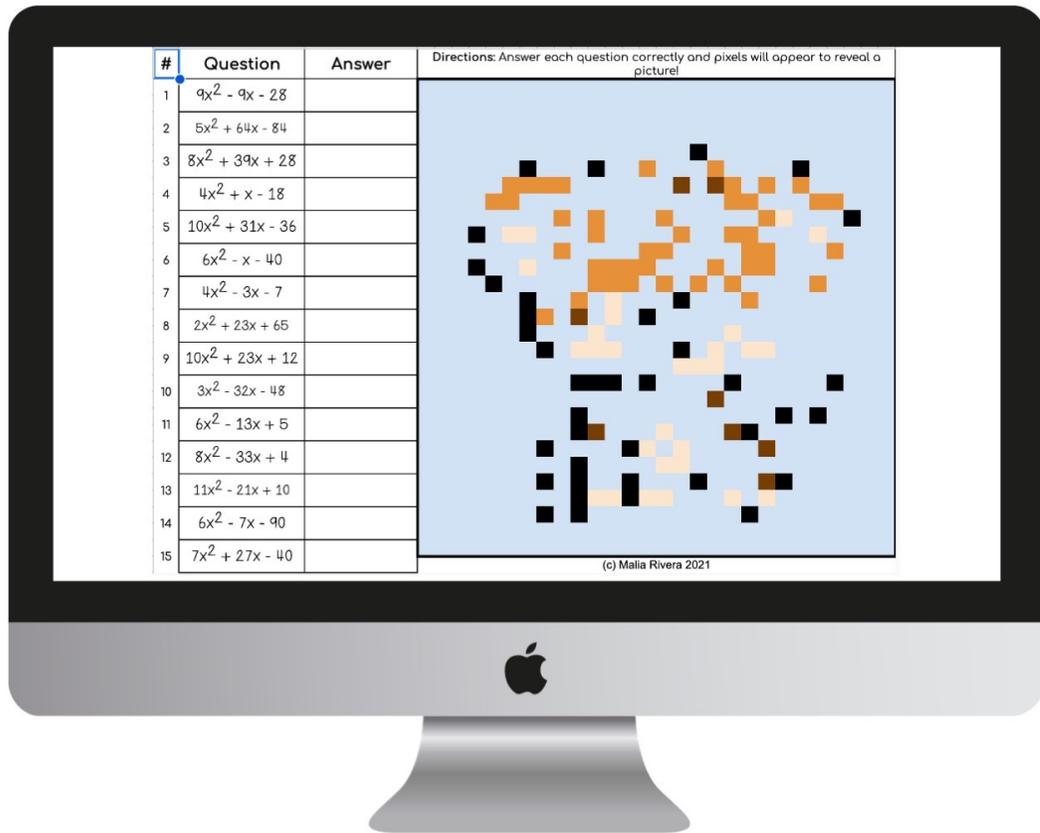


If they answer it incorrectly, the answer box will turn red & no pixels appear.



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 factor trinomials when  $A > 1$ .

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:



"This resource was very engaging and helped students to better understand the concept." - Jessica A.



"This was great to use when I was absent. Students were engaged and the self checking feature was a plus. Very engaging!"  
- Kristin D.



"My students were reviewing factoring quadratic equations as an entry level item for finding solutions to quadratic equations. This activity was an excellent resource. I recommend it to all my math teachers teaching factoring."  
- Chiara Johnson (TPT Seller)

You may also enjoy ...

## FACTORING TRINOMIALS A=1 VIRTUAL ALGEBRA TILES

$x^2 + 7x + 12$

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Math with MS. RIVERA

## FACTORING POLYNOMIALS Color by Number worksheet

FACTORING POLYNOMIALS COLOR BY NUMBER

Directions: Completely factor each polynomial. Circle the answer from the list. The numbers in the grid will determine how you color the grid page.

1.  $2x^3 - 5x$

2.  $7x^2 + 10x$

3.  $2x^2 + 9x + 9$

4.  $5x^5 - 16x^4 + 11x^3$

5.  $3x^2 - 20x + 12$

6.  $7x^2 - 60x - 27$

7.  $15x^2 + 9x - 24$

8.  $3x^2 - x - 30$

9.  $30x^2 + 72x + 42$

10.  $2x^2 - x - 10$

11.  $(x-3)(x^2+3x+9)$

12.  $(x-5)(x-2)$

13.  $(x+2)$

14.  $(x-3)(x-2)$

15.  $(x-3)(x-2)$

16.  $(x-3)(x-2)$

17.  $(x-3)(x-2)$

18.  $(x-3)(x-2)$

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97.  $(x-3)(x-2)$

98.  $(x-3)(x-2)$

99.  $(x-3)(x-2)$

100.  $(x-3)(x-2)$

Math with Ms. Rivera

Answer key included

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## FACTORING QUADRATICS WORKSHEET

A > I

Name: \_\_\_\_\_ Pd: \_\_\_\_\_ Date: \_\_\_\_\_

Factoring Quadratics Cut & Paste Activity

Directions: Factor completely. Cut out the answer from the next page and paste it under the corresponding problem.

1. $2x^2 + 29x + 90$	2. $7x^2 + 57x - 54$	3. $3x^2 - x - 30$	4. $25x^2 + 140x + 160$
5. $7x^2 - 60x - 27$	6. $3x^2 - 20x + 12$	7. $5x^2 - 14x + 8$	8. $3x^2 + 5x - 12$
9. $7x^2 - 60x - 27$	10. $15x^2 + 9x - 24$	11. $30x^2 + 72x + 42$	12. $2x^2 - x - 10$

Math with MS. RIVERA

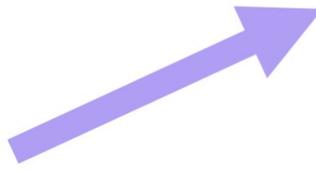
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Buy the Bundle & *save!*

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

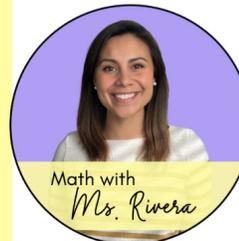
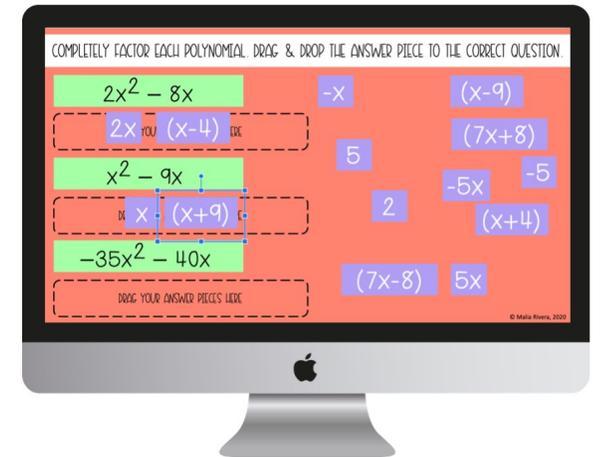
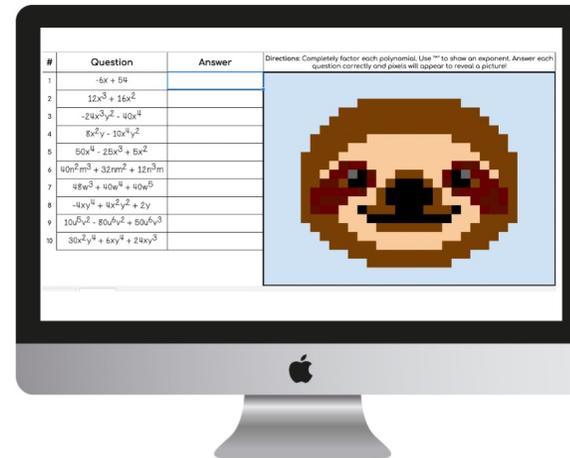
check it out!



# FACTORING

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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