

keep scrolling to
get a sneak peek!

Help your 6th Grade student practice converting between fractions, decimals, and percents. Students will be eager to get the self-checking benefits from this digital pixel art activity!

FRACTION, DECIMAL, PERCENT CONVERSION

#	Fraction	Decimal	Percent	Directions: Answer each question correctly and pixels will appear to reveal a picture! Write all mixed numbers as improper fractions.
1		0.6		
2	16/50			
3			73%	
4	7/4			
5		0.03		
6			245%	
7		1.18		
8			12%	
9	5/8			
10		0.001		

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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!

Fraction, Decimal, Percent Pixel Art



Fraction, Decimal, Percent Pixel Art includes:



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

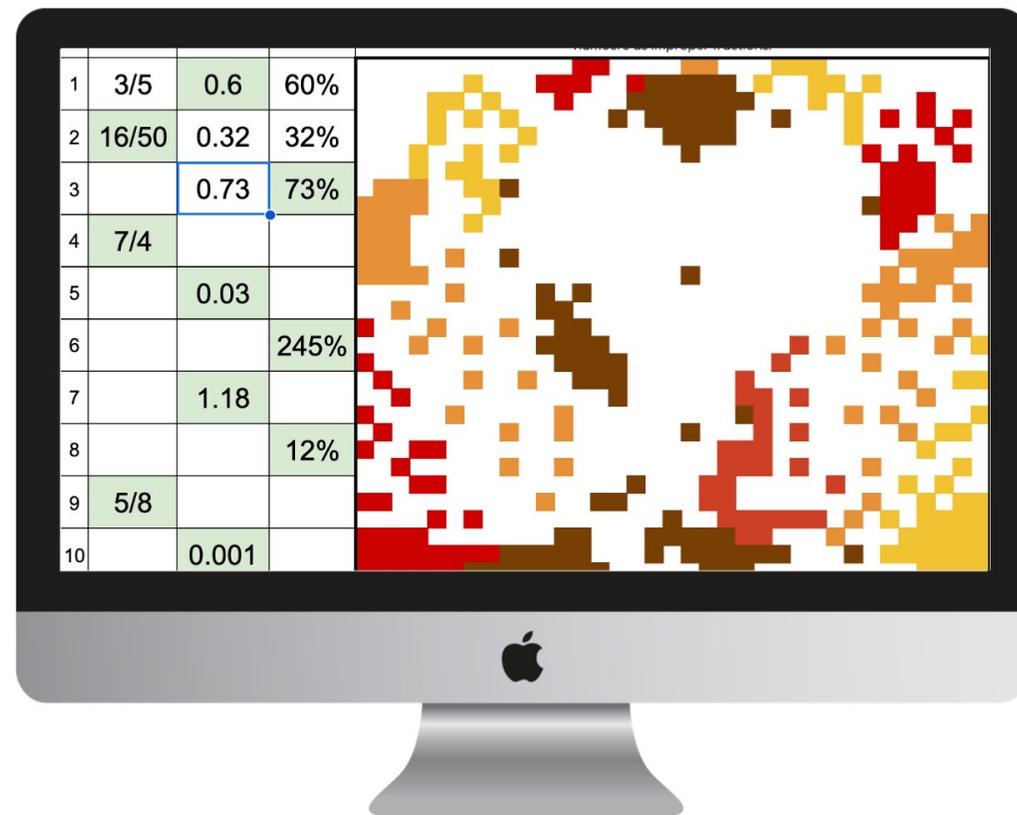
Fraction, Decimal, Percent Pixel Art

standards covered:

CCSS: 6.RP.A.3c

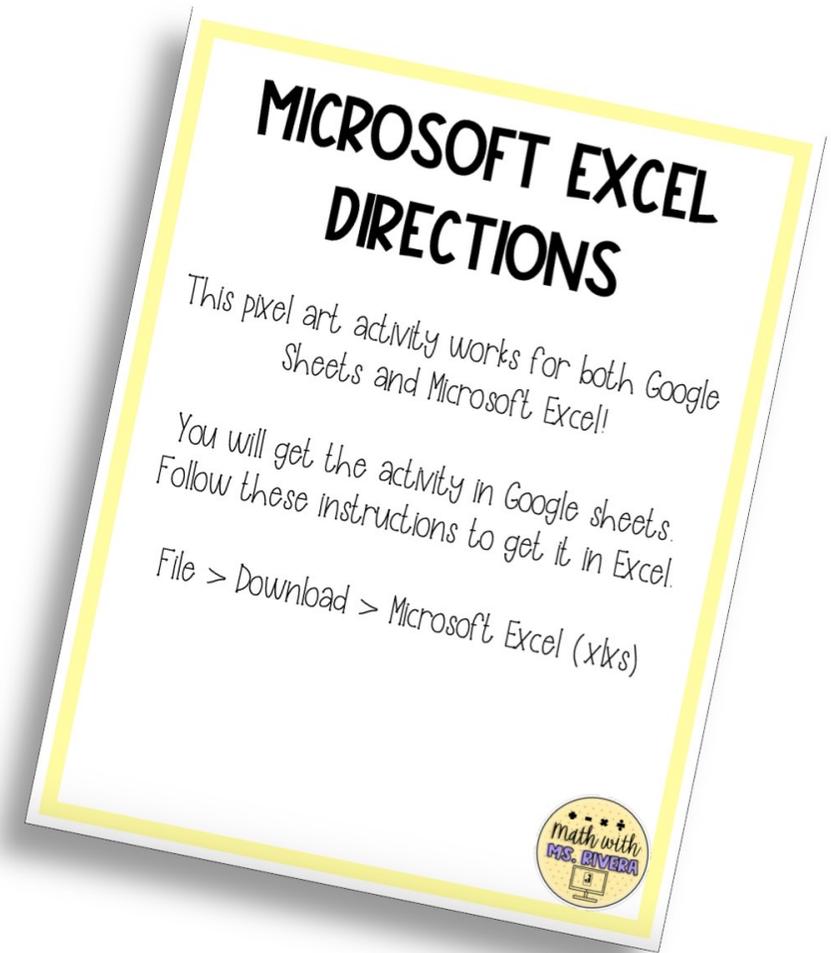
TEKs: 6.4.G

VA SOLs: NS.6.2.a



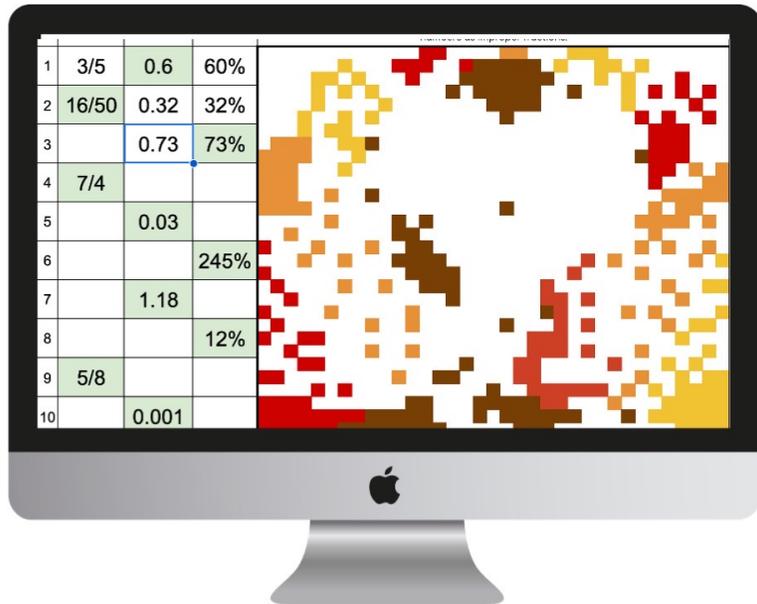
Fraction, Decimal, Percent Pixel Art

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

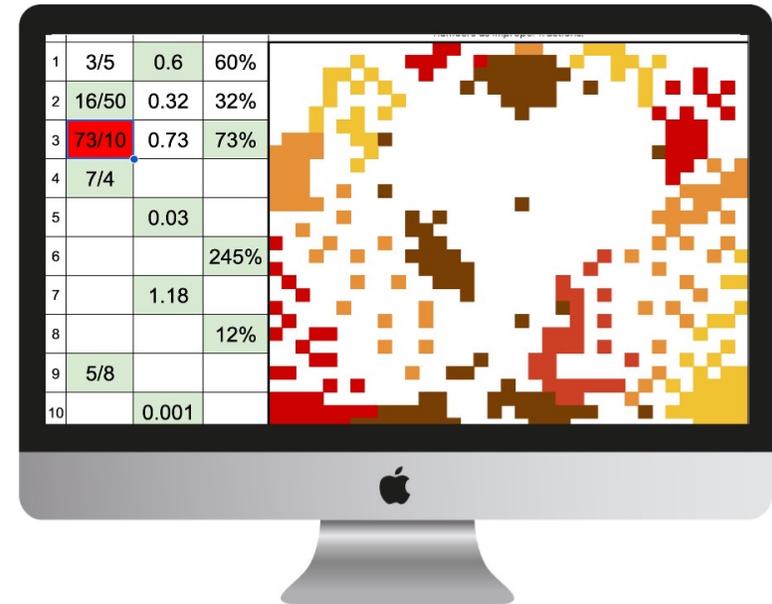


Fraction, Decimal, Percent Pixel Art

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 convert between fractions, decimals, and percents.

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

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

You may also enjoy ...

PERCENT PROPORTIONS

Directions: Calculate each problem and type your answer in the answer column. If your answer is a percentage, include the percent symbol. If you get the answer correct, the box next to it will turn green. If you answer the question incorrectly, it will turn red.

Q#	Question	Answer	Q#	Question	Answer	Q#	Question	Answer
1	37 is 43% of what?		4	13 is what percentage of 52?		7	24 is what percentage of 80?	
2	33 is 66% of what?		5	What is 75% of 15?		8	2.7 is 6% of what?	
3	What is 27% of 61?		6	60 is what percentage of 75?		9	What is 35% of 40?	

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Math with Ms. Rivera

Self-Checking

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drag and drop the matching pieces to connect them.

Math with Ms. Rivera

Instant Feedback!

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check it out!

Answer Key
Name: _____ Date: _____
ADDING & SUBTRACTING RATIONAL EXPRESSIONS
Directions: Add or subtract the rational expressions. Show your work.

Solving Systems of Equations
Date: _____
Solve systems of equations using substitution or elimination. Check your solution.
2. $2x - 6y = -18$
 $x = 3y - 9$
4. $2x + 6y = -1$
 $y = -2x + 3$

Answer Key
Solving Systems of Equations
Date: _____
Solve systems of equations using substitution or elimination. Check your solution.
2. $2x - 6y = -18$
 $x = 3y - 9$
 $2(3y - 9) - 4y = -18$
 $6y - 18 - 4y = -18$
 $-18 = -18$
infinitely many solutions
 $y = 2 + 5$
 $y = 7$
 $(2, 7)$

Multiplying & Dividing Rational Expressions
Date: _____
Directions: Multiply or divide the rational expressions. Show your work.

Rational Expression Operations - Addition & Subtraction
Directions: Answer each question and type the question number with the matching answer in the answer column to the right.

#	Question	Answer	Type the matching question numbers here
1	$\frac{5}{x} + \frac{3}{x+1}$	$\frac{2x+1}{x+2}$	
2	$\frac{2}{x+4} - \frac{x^2}{x^2-16}$	$-\frac{1}{x^2-1}$	
3	$\frac{x+2}{x^2+4x+4} + \frac{2x}{x+2}$	$\frac{2x^2+2x+5}{x^2+x-2}$	
4	$\frac{x}{x-2} + \frac{3}{x-1}$	$-\frac{x^2+2x-8}{x^2-16}$	
5	$\frac{x}{4x+8} - \frac{1}{x^2+2x}$	$\frac{8x+5}{x^2+1}$	
6	$\frac{x+2}{x-1} + \frac{x-1}{x+2}$	$\frac{x^2-3x+7}{x^2-4}$	
7	$\frac{2x+1}{x^2-4} + \frac{x-3}{x+2}$	$\frac{x^2+2x-6}{x^2-3x+2}$	
8	$\frac{x^2+2x}{x^2-1} - \frac{x+1}{x-1}$	$\frac{x-2}{4x}$	

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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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