

Mathematics

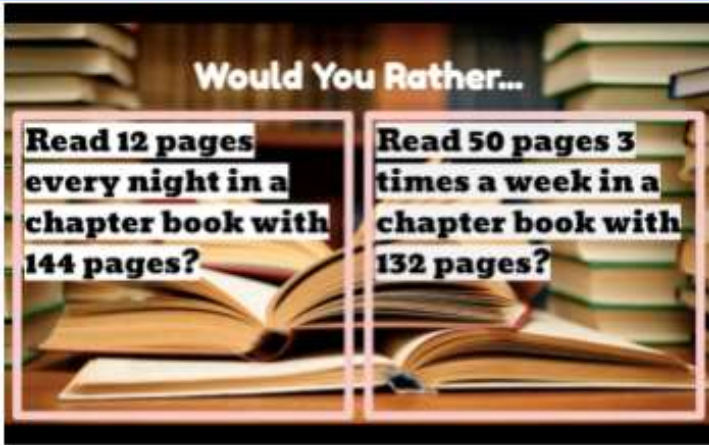
Choose a path.

Would You Rather...?

wouldyourathermath.com

Justify it.

wouldyourathermath.com



Artful Math

It's no secret that art is full of mathematical concepts. Here is an example from Antonio Hubert (1907 - 2000)

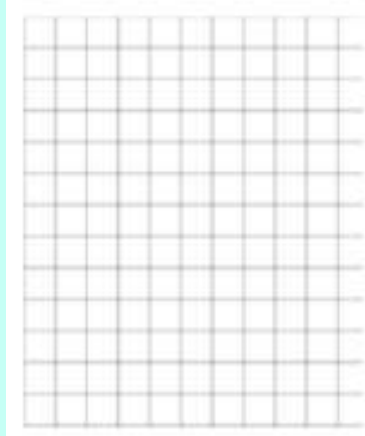


- *How many mathematical concepts do you see in this art piece?
- *Can you list them?
- *Can you create your own piece of art from mathematical concepts you remember from this year?



Fewest Squares

Draw an 11x13 grid and try to find the fewest number of squares they can use to cover it without overlap or extending outside the grid.



Possible Extensions:

What is the size of the rectangle you can find using 9 squares?
Can you find more than one rectangle?

<https://www.youcubed.org/wp-content/uploads/2019/08/WIM-fewest-squares-grades-3-12.pdf>

Mashup Math Puzzles

Use your math skills to find the value of each symbol in the puzzles below:

www.mashupmath.com

$$48 = \text{red bear} + \text{blue balloon} + \text{red bear}$$

$$\text{green watermelon} \times \text{purple ring} = 0$$

$$\text{purple ring} = \text{red bear} + \text{purple ring}$$

$$\text{red bear} = \text{blue balloon}$$

$$\text{purple ring} + \text{red bear} + \text{green watermelon} + \text{blue balloon} = ?$$

	0		
		9	15
12			

Creating a Gallery Wall

Using your art piece from the Artful Math activity, place it in the center of a wall (without damaging the wall). Justify to a family member how you know it is center of the wall.

Stay tuned for next week's associated question.