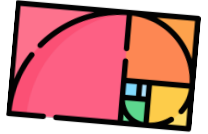


Name: \_\_\_\_\_

# FIBONACCI DAY!



Fibonacci Day, celebrated on November 23<sup>rd</sup> (11/23 reflecting the famous number sequence), honors the Fibonacci sequence, a series of numbers where each number is the sum of the two preceding ones, showcasing its fascinating presence in mathematics, nature, and art.

**Directions:** Use your math skills to find the value of each icon and the '?' in the puzzle below.

$$\text{Sunflower} + \text{Golden Rectangle} + \text{Golden Rectangle} = \text{Leonardo da Vinci}$$

$$\text{Broccoli} + 8 \times \text{Golden Rectangle} = 13$$

$$\text{Leonardo da Vinci} \div \text{Golden Rectangle} = \text{Leonardo da Vinci}$$

$$21 + 34 + \text{Sunflower} = 55$$

$$55 - \text{Broccoli} - 8 \times \text{Leonardo da Vinci} = ?$$

My Answer: ? = \_\_\_\_\_

Answer Key:

Sunflower=0

Golden Rectangle=1

Fibonacci=2

Romanesco Broccoli=5

**? = 34**

**Fun Fact:** The Fibonacci sequence appears in nature more often than you might expect, such as in the spiral patterns of shells, the intricate, fractal-like spirals of Romanesco broccoli, and the arrangement of sunflower seeds, illustrating a the fascinating relationship between mathematics and the natural world.