THE MAGICAL DISCOVERY OF PYTHAGORAS
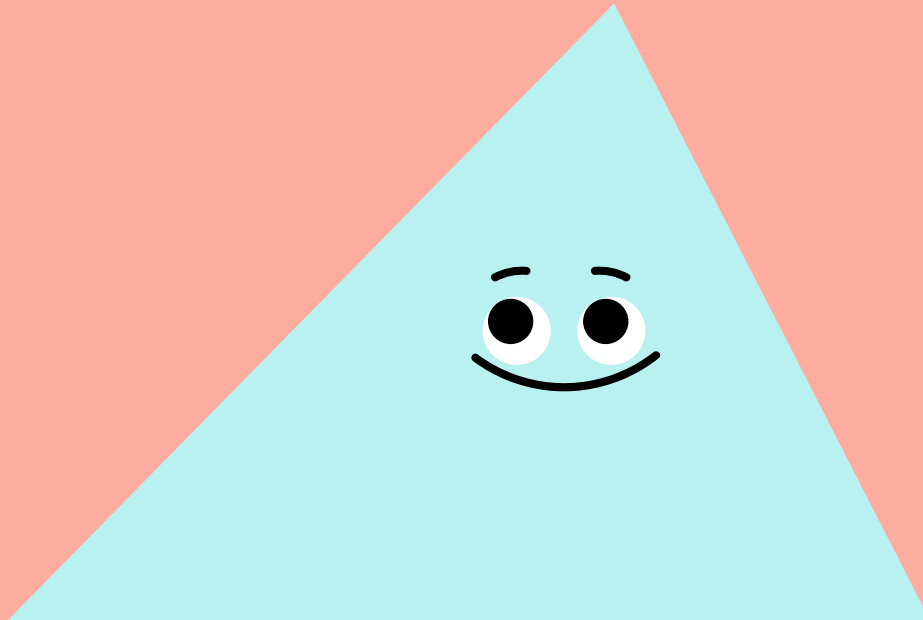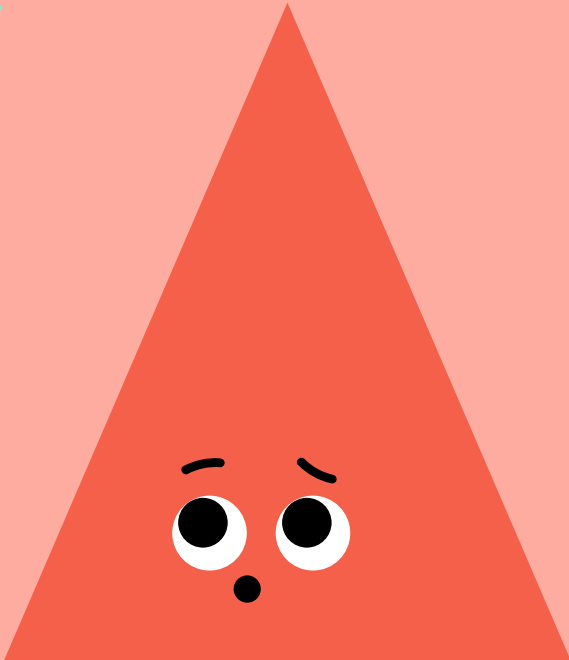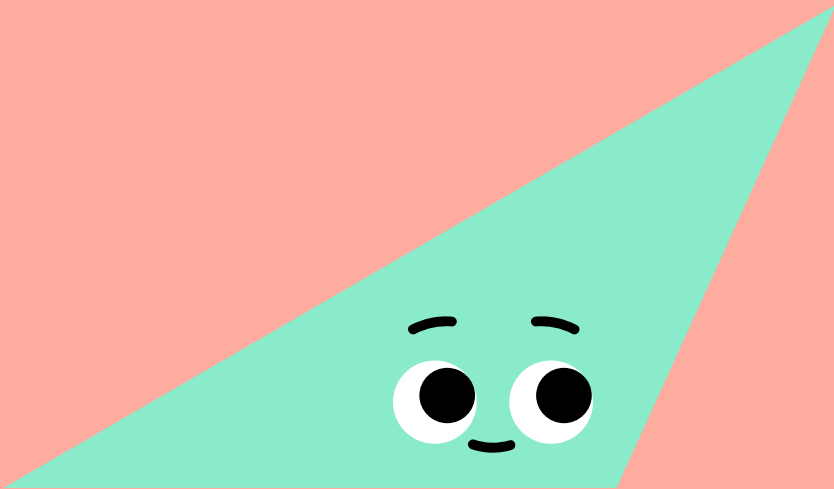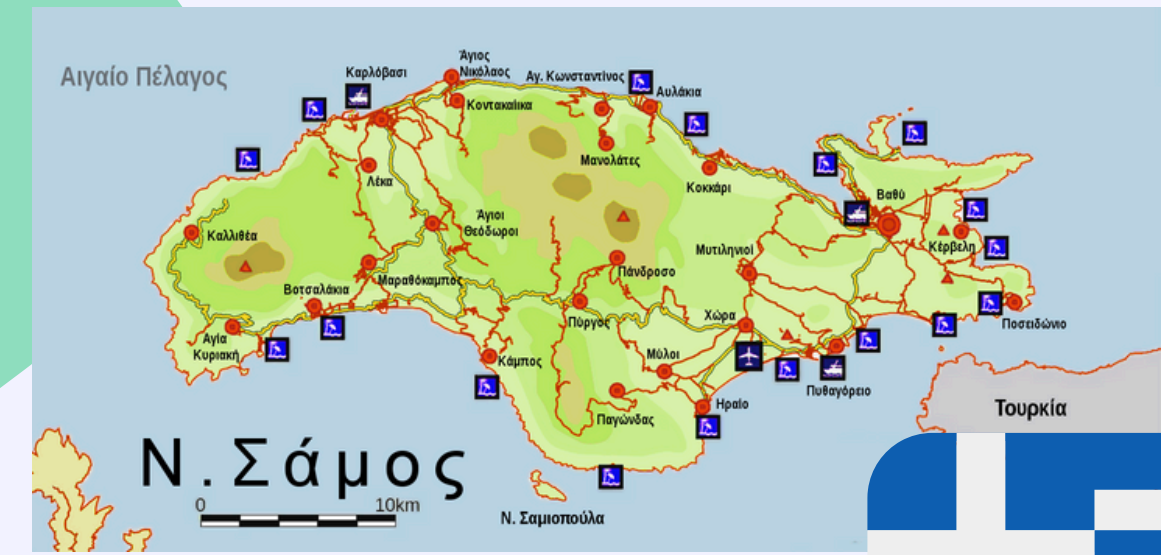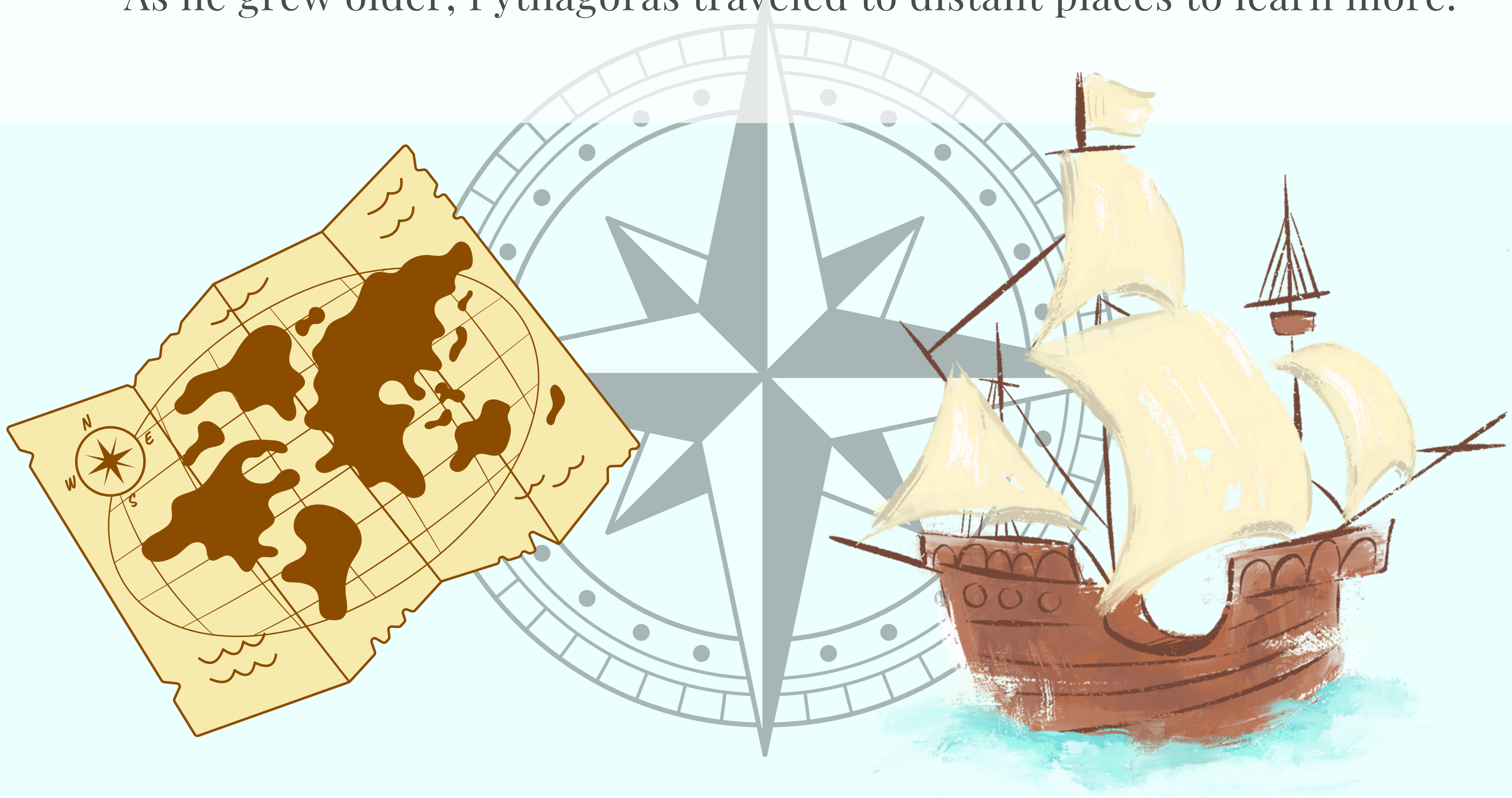
Once upon a time, on a small island called Samos, there lived a boy who loved observing everything around him.
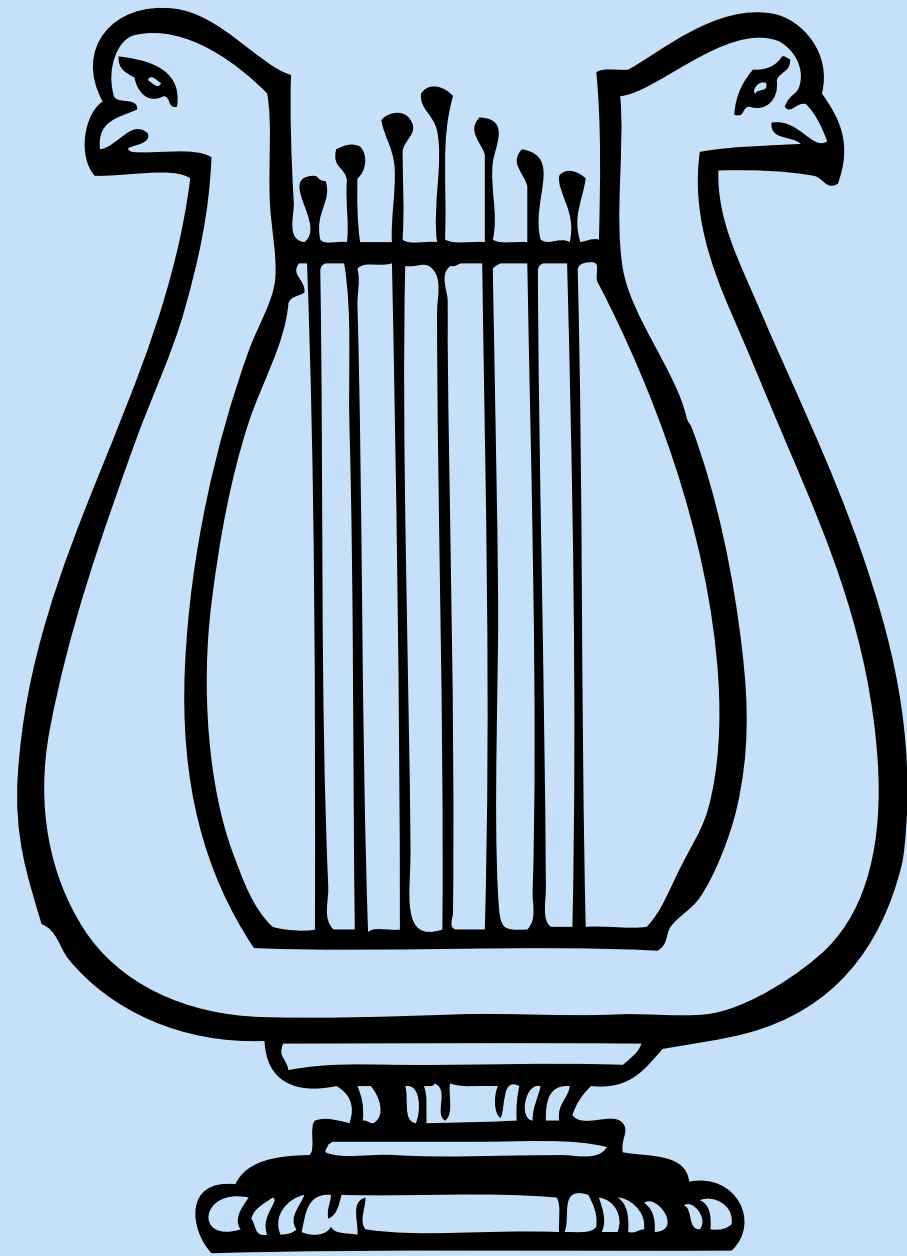
His name was Pythagoras. He wasn't like the other children; instead of playing with wooden toys, he would sit and watch the stars in the sky, the waves of the sea, and the leaves on the trees. He always wondered, "How does the world work? Is there a hidden rule?"
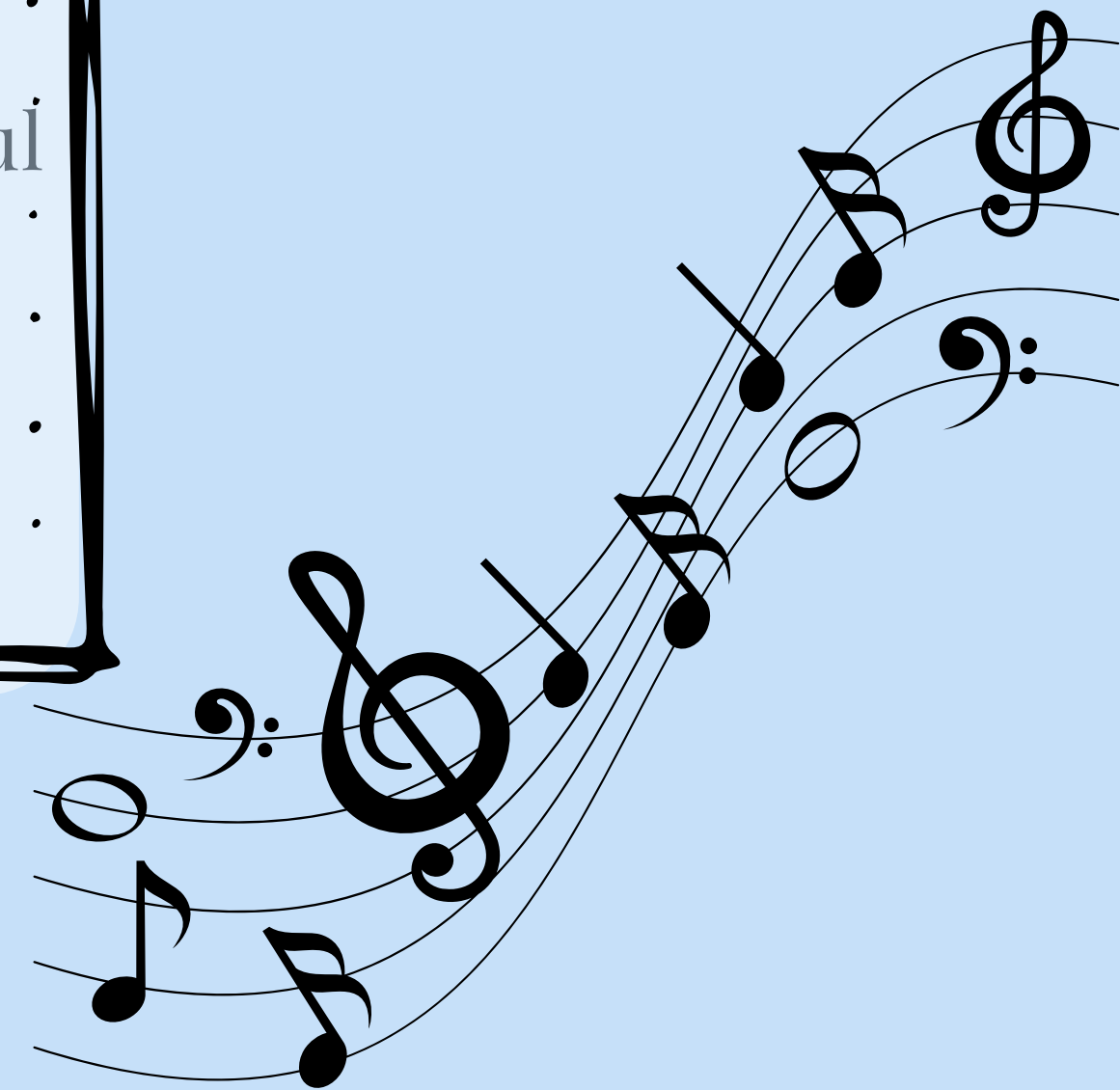
As he grew older, Pythagoras traveled to distant places to learn more.
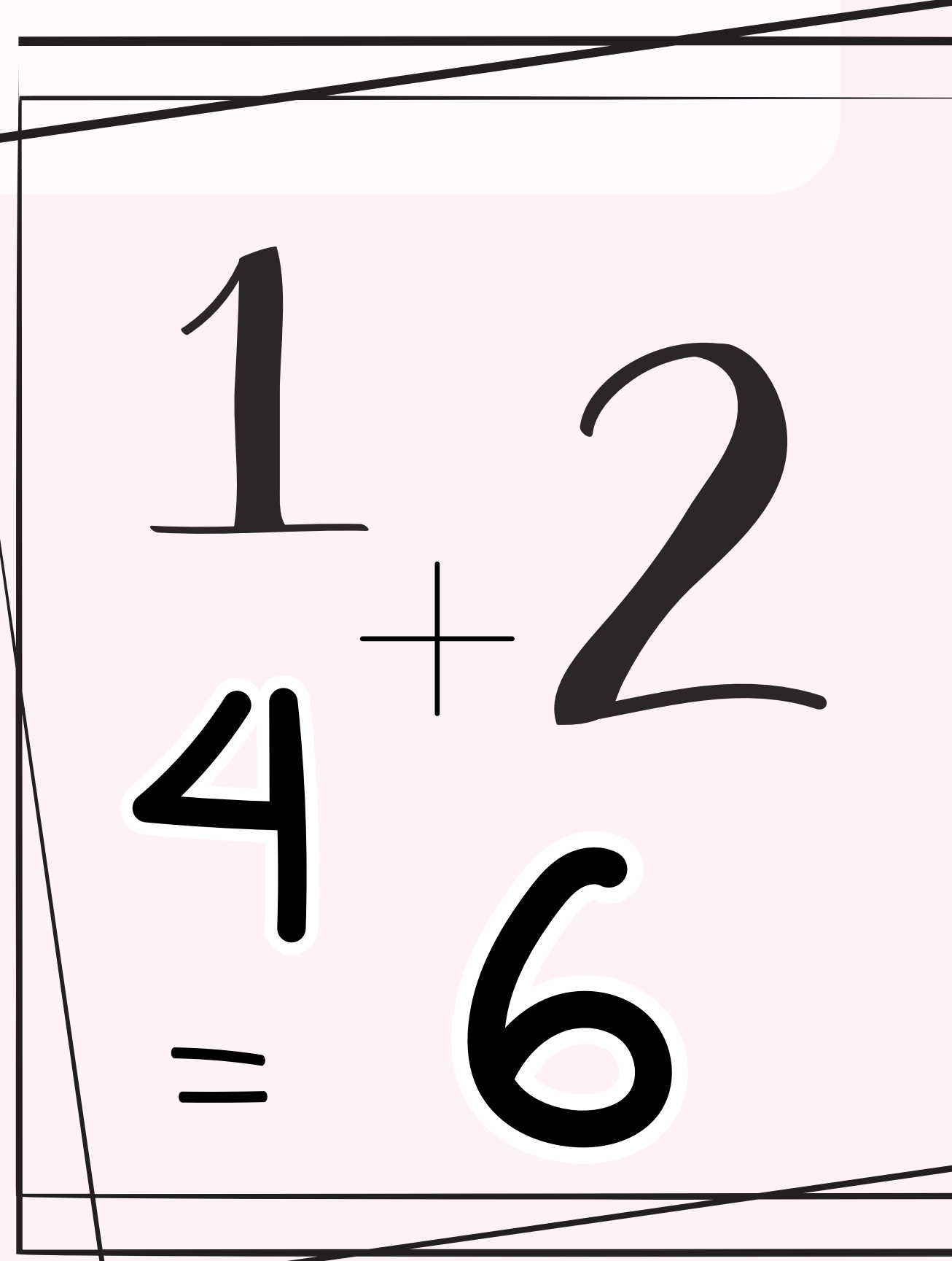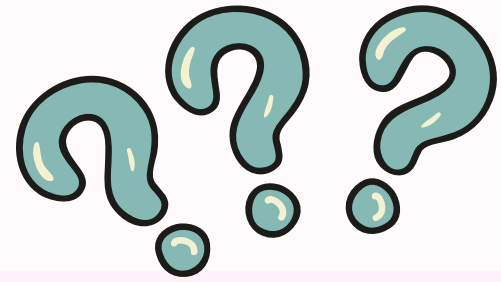
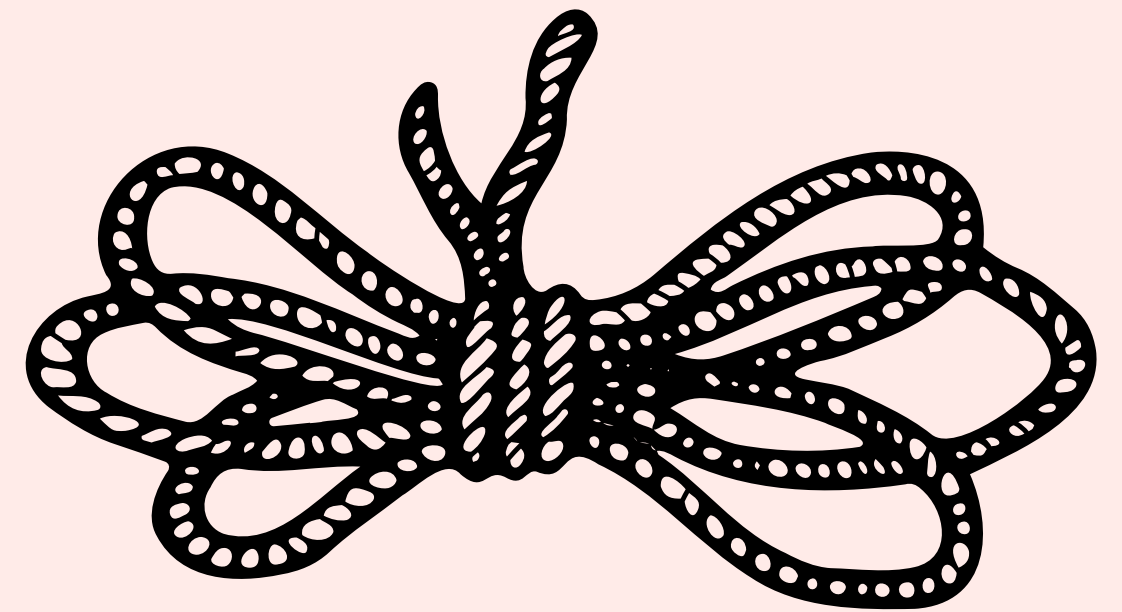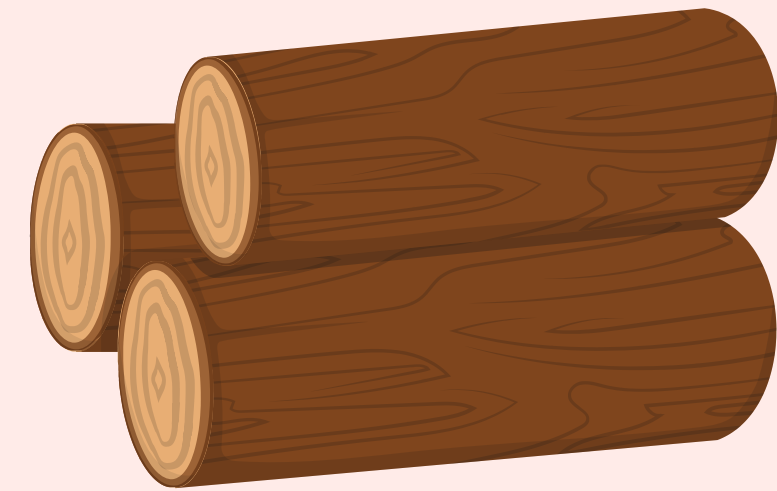On one of his journeys, he reached a land where people played music with strings.

Pythagoras sat quietly and listened to the notes. Suddenly, he noticed something strange: the most beautiful notes came from strings that had specific lengths!

"Hmm..." he thought, "Could music have something to do with numbers? Could numbers be the key to understanding everything?"
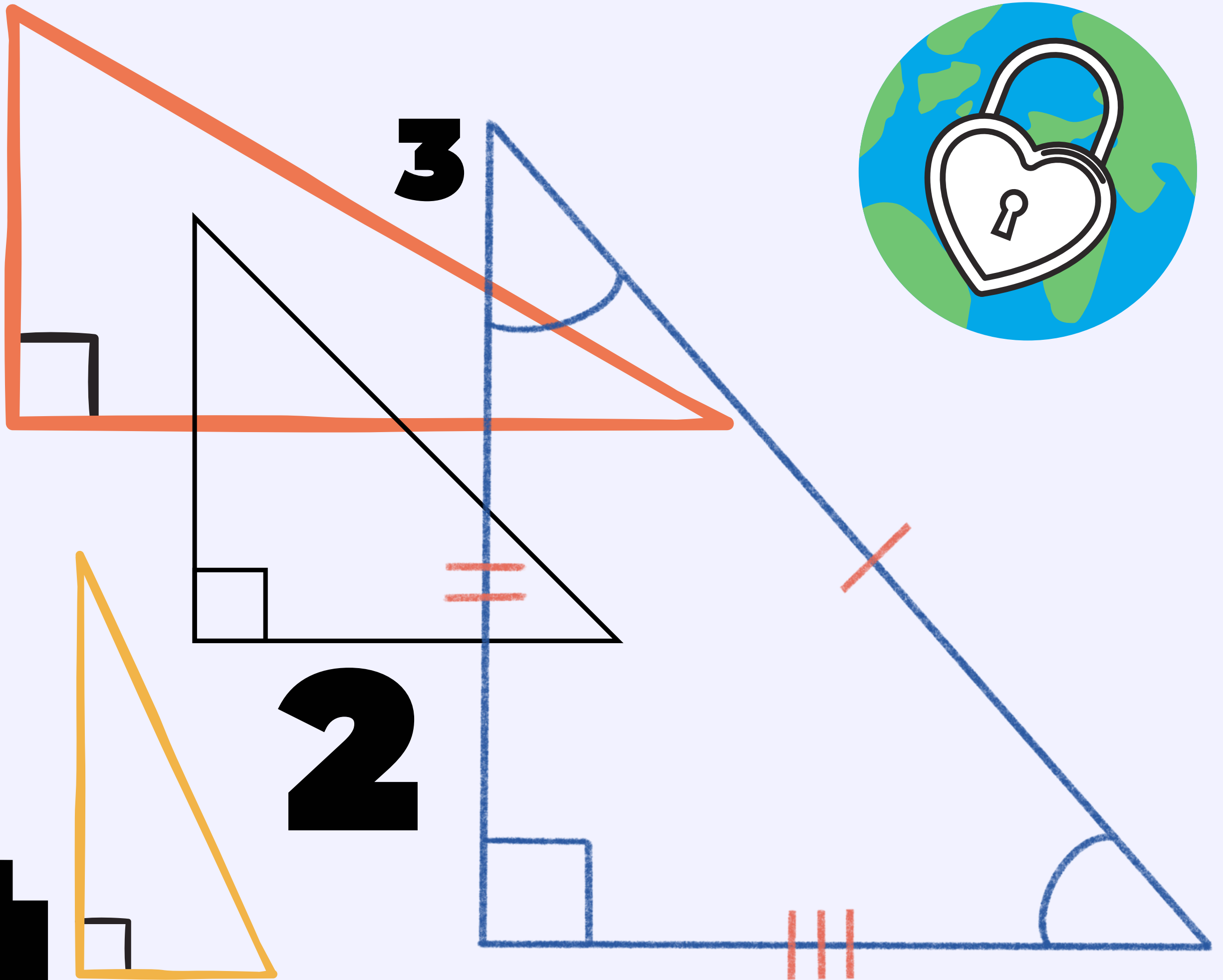
$$\frac{1}{4} + \frac{2}{6} =$$

From then on, Pythagoras started examining everything with the help of numbers. He built geometric shapes with wood and string, and one day, he made an incredible discovery...
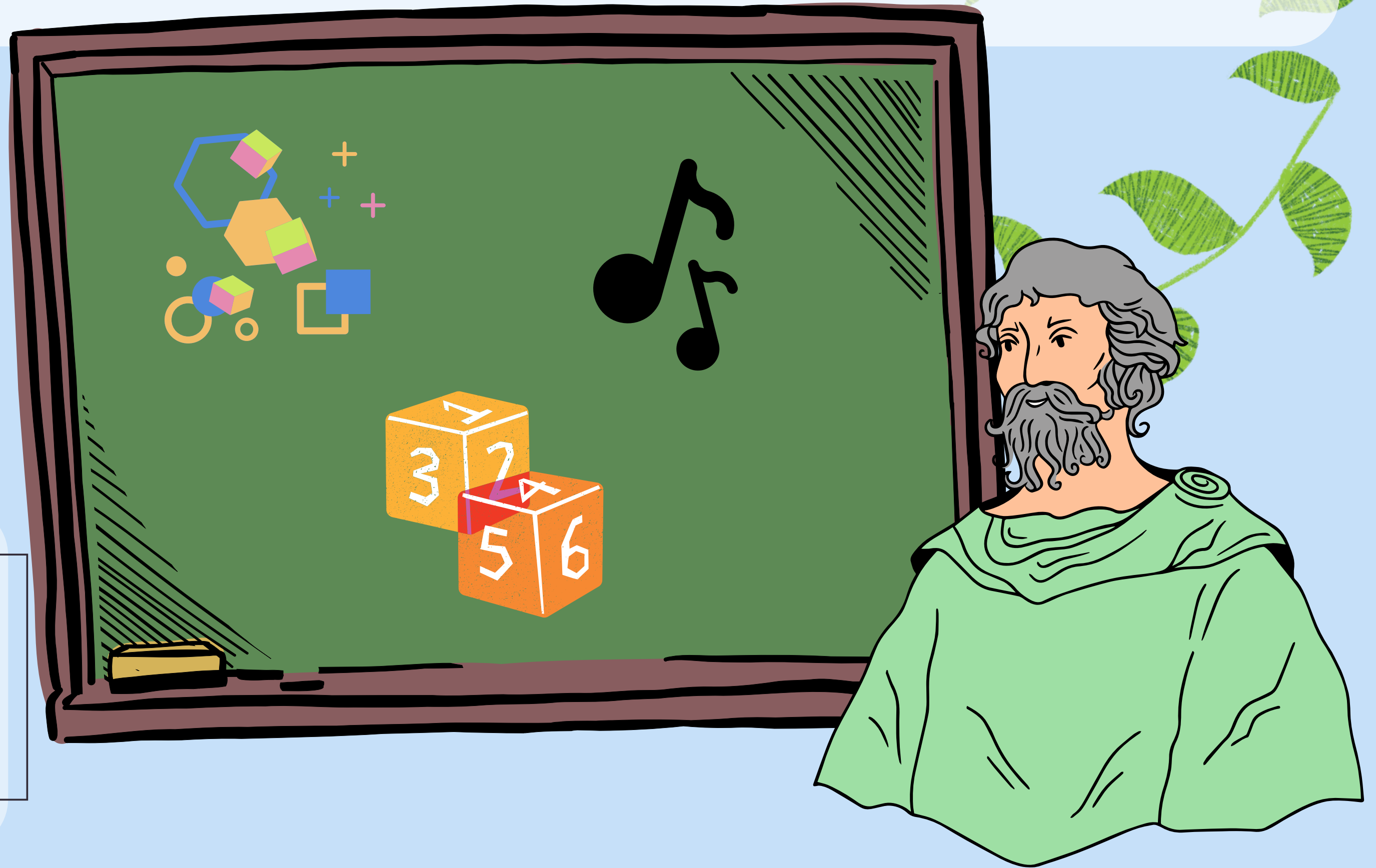
In a triangle with a right angle, if you take the squares of the two shorter sides and add them together, they are equal to the square of the longest side!
"This is magical!" said Pythagoras. "This discovery shows that numbers and shapes hold secrets about the world!"

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He returned to his island and began teaching people about shapes, numbers, and music. His students loved him because he showed them that mathematics wasn't hard; it was like a game that helped them understand nature and life.

And so, Pythagoras became known in history as the wise man who revealed to us that "everything is numbers."