# PYTHAGORAS

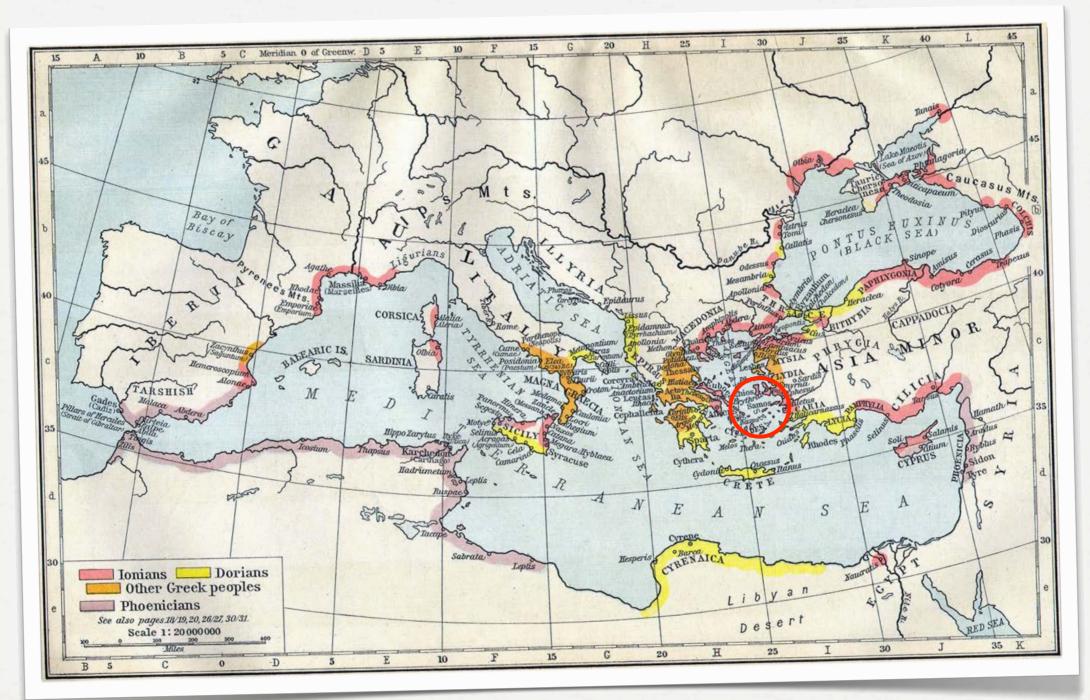
— the philosopher and mathematician —

Nick Amoscato & Karl

## Samos, Greece, 570 B.C.



## Samos, Greece, 570 B.C.



# LEARNING YEARS

— his teachers and mentors —

# — LEARNING YEARS— Teachers and Mentors

## Teachers and Mentors

\* Pherecydes

- \* Pherecydes
- \* Creophylus

- \* Pherecydes
- \* Creophylus
- \* Bias

- \* Pherecydes
- \* Creophylus
- \* Bias
- \* Thales

- \* Pherecydes
- \* Creophylus
- \* Bias
- \* Thales
- \* Anaximander

- \* Pherecydes
- \* Creophylus
- \* Bias
- \* Thales
- \* Anaximander
- \* Themistoclea

## Croton 530 B.C.



## Croton 530 B.C.



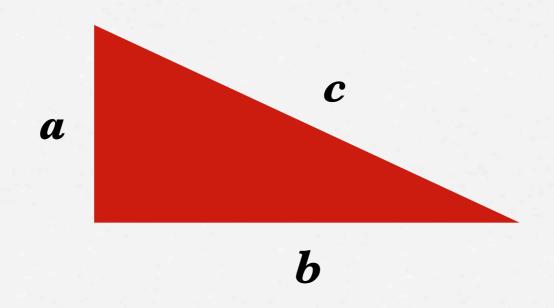
# MATHEMATICS

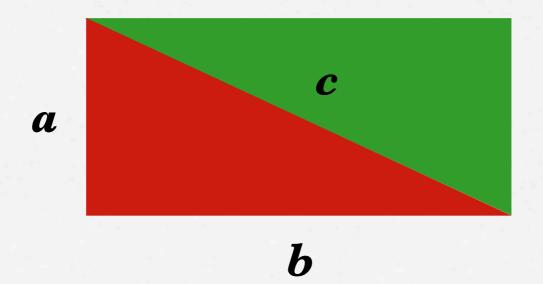
— the first *pure* mathematician —

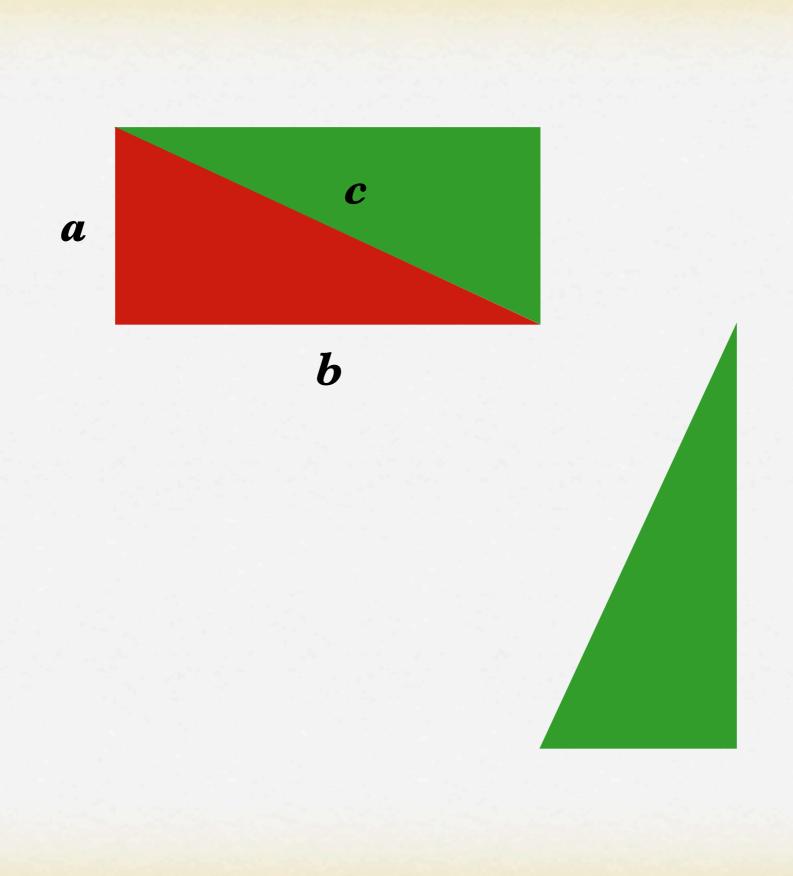
The so-called Pythagoreans, who were the first to take up mathematics, not only advanced this subject, but saturated with it, they fancied that the principles of mathematics were the principles of all things.

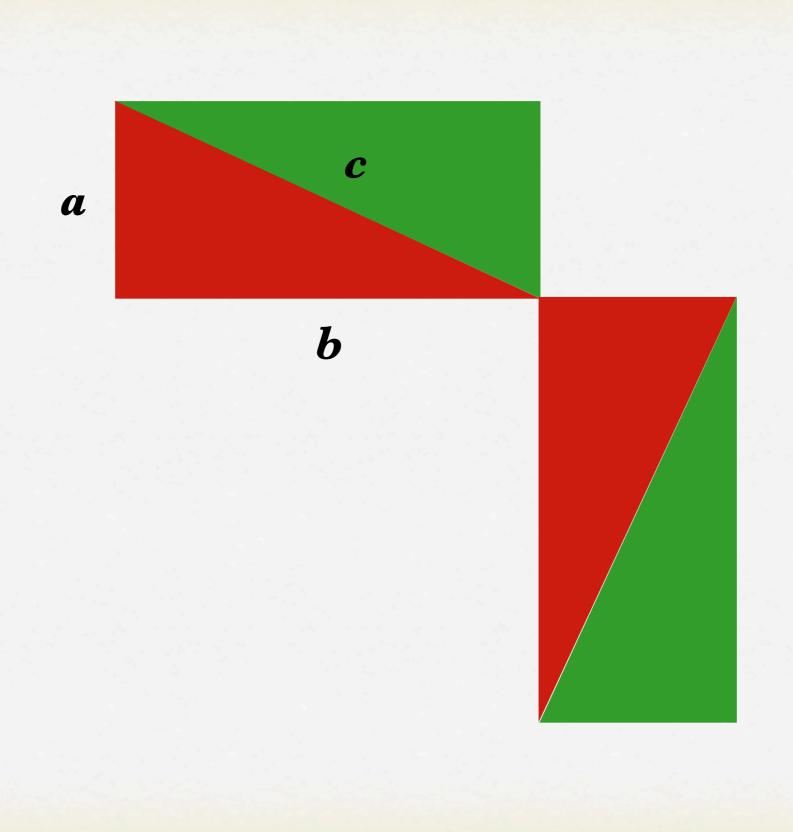
-ARISTOTLE

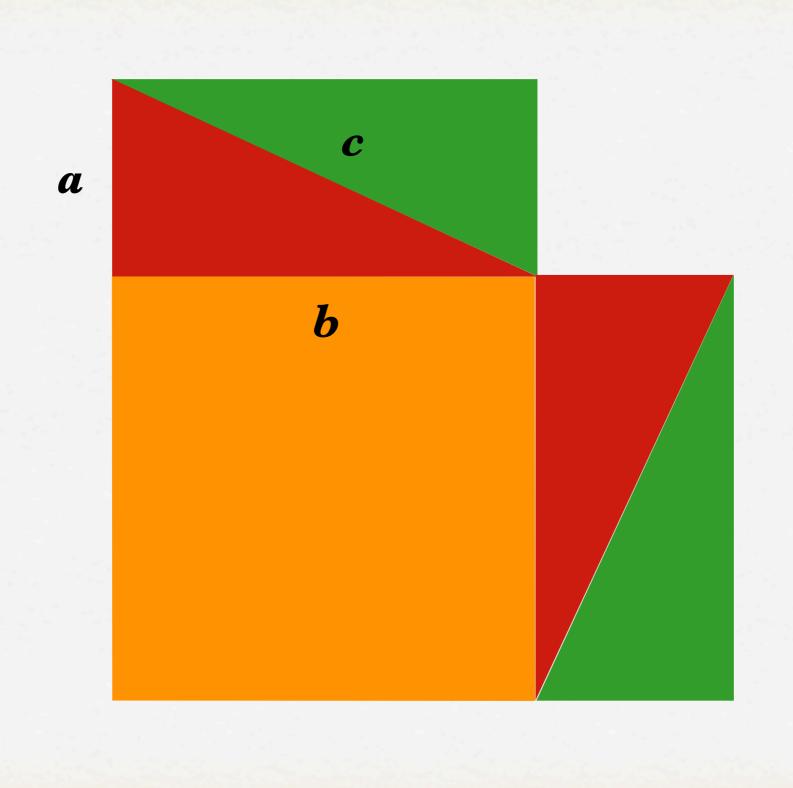
# -MATHEMATICS Pythagorean Theorem

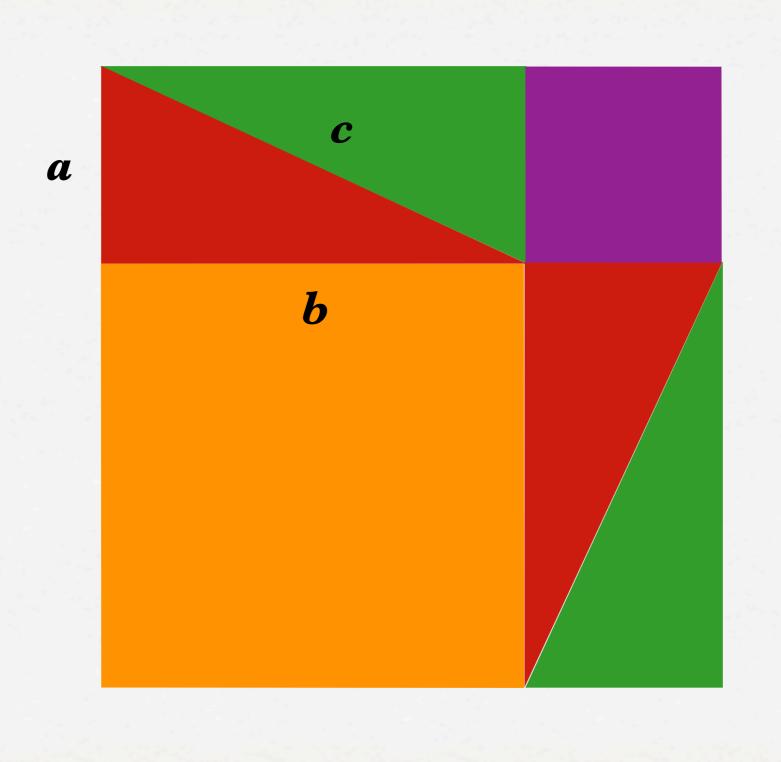


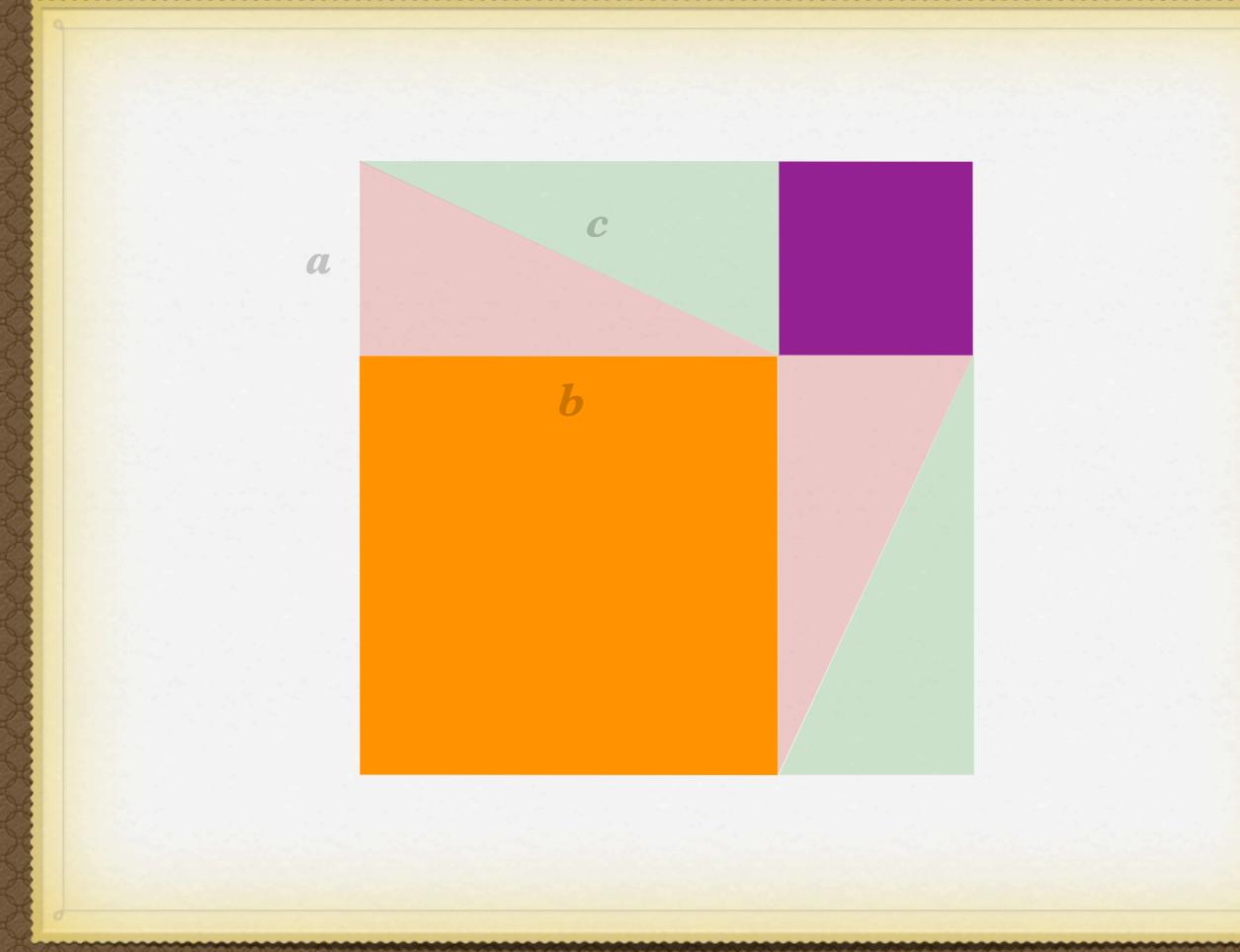


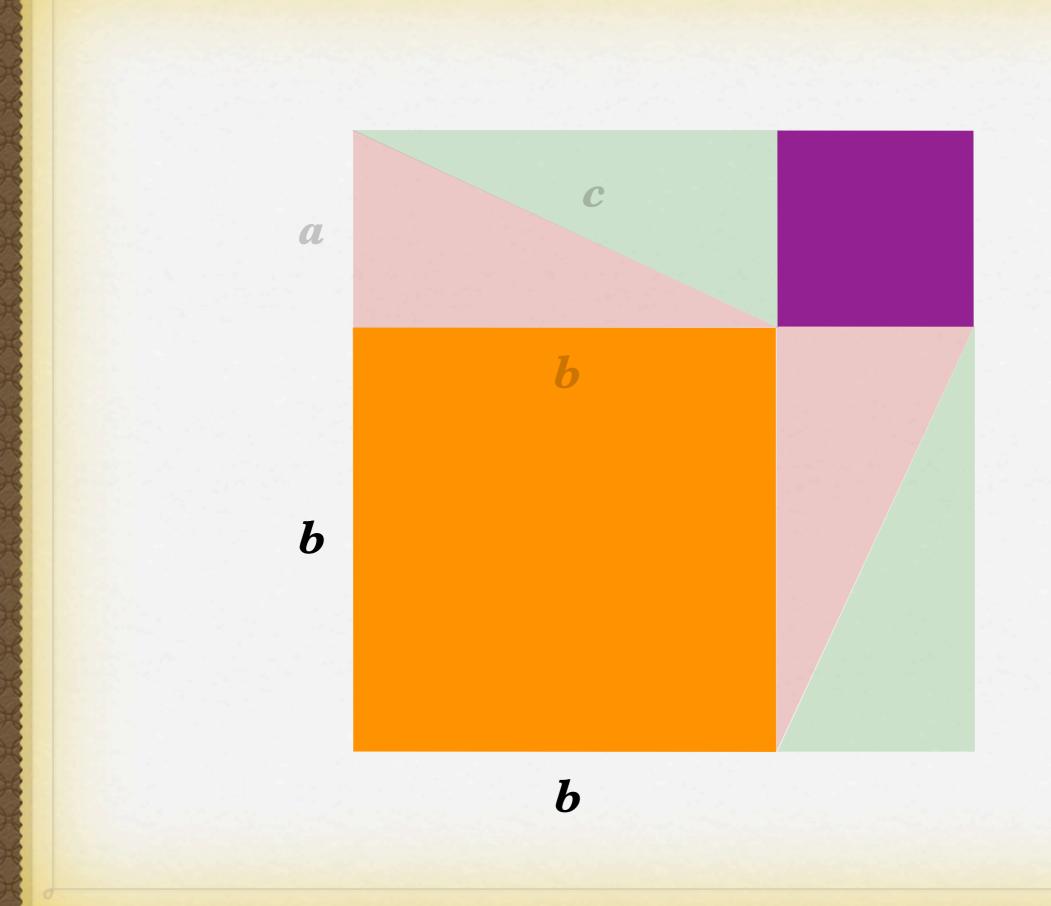


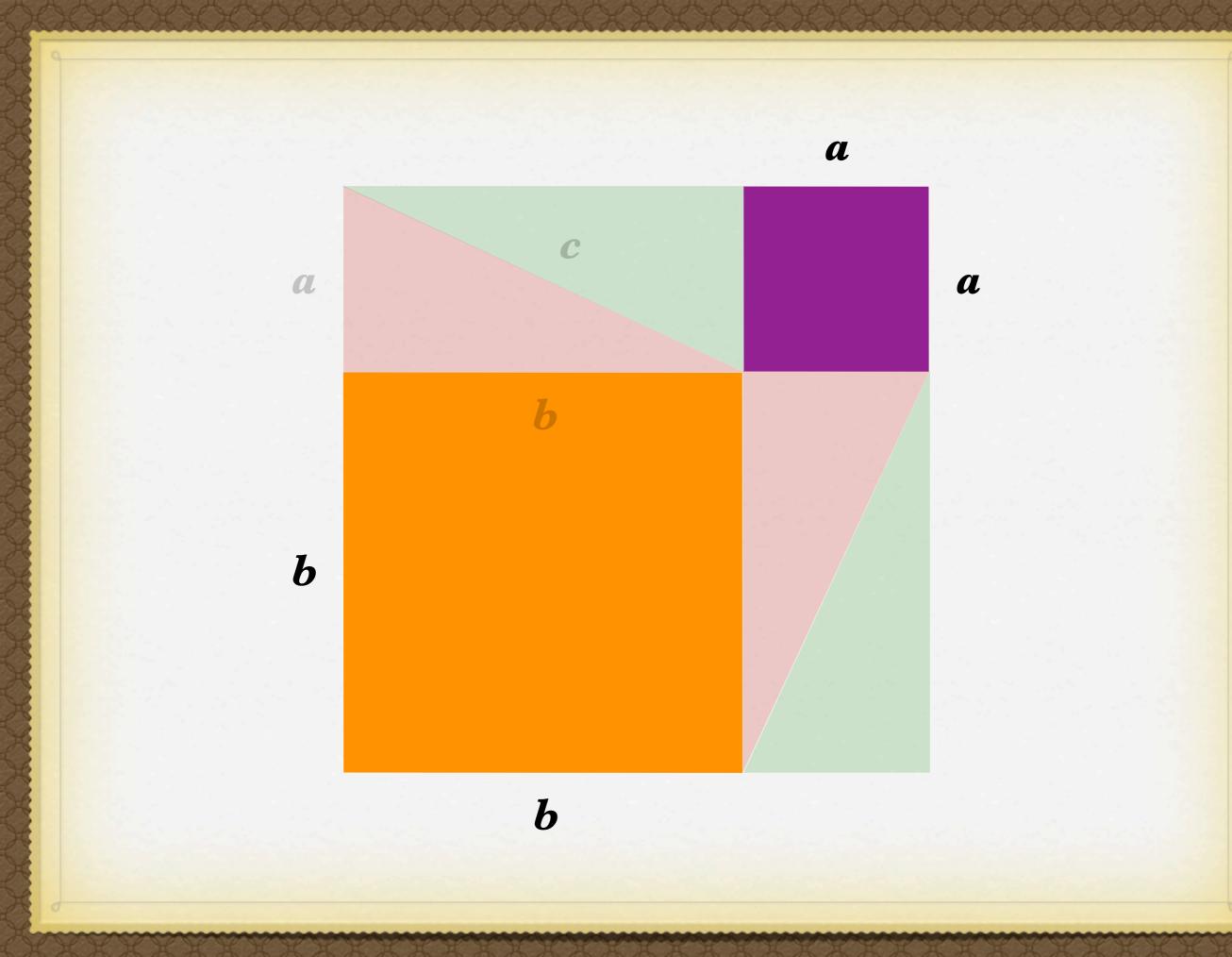




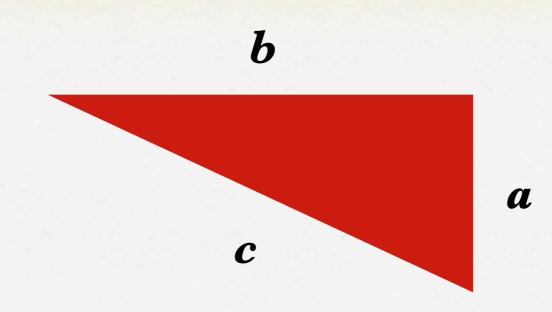


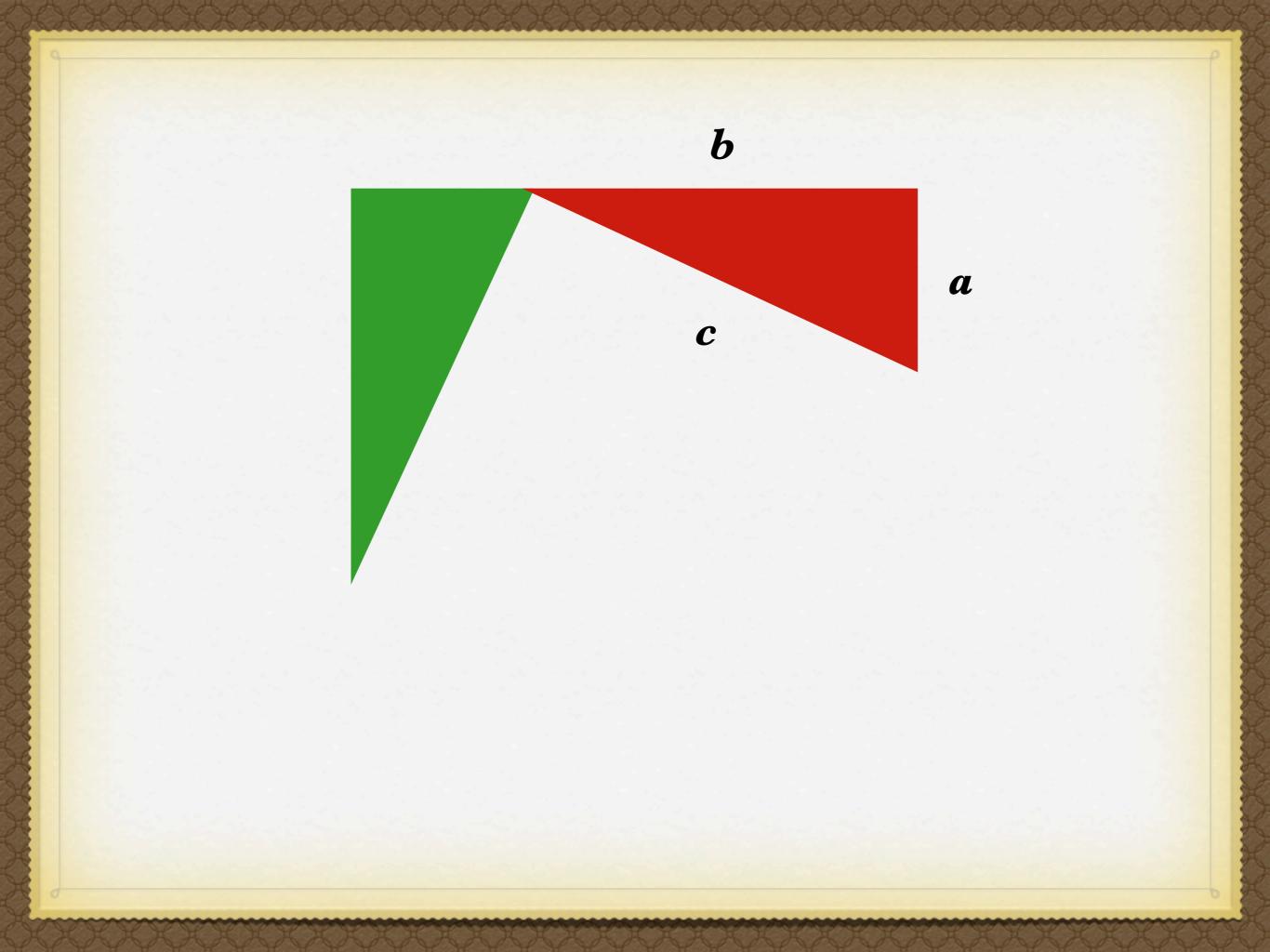


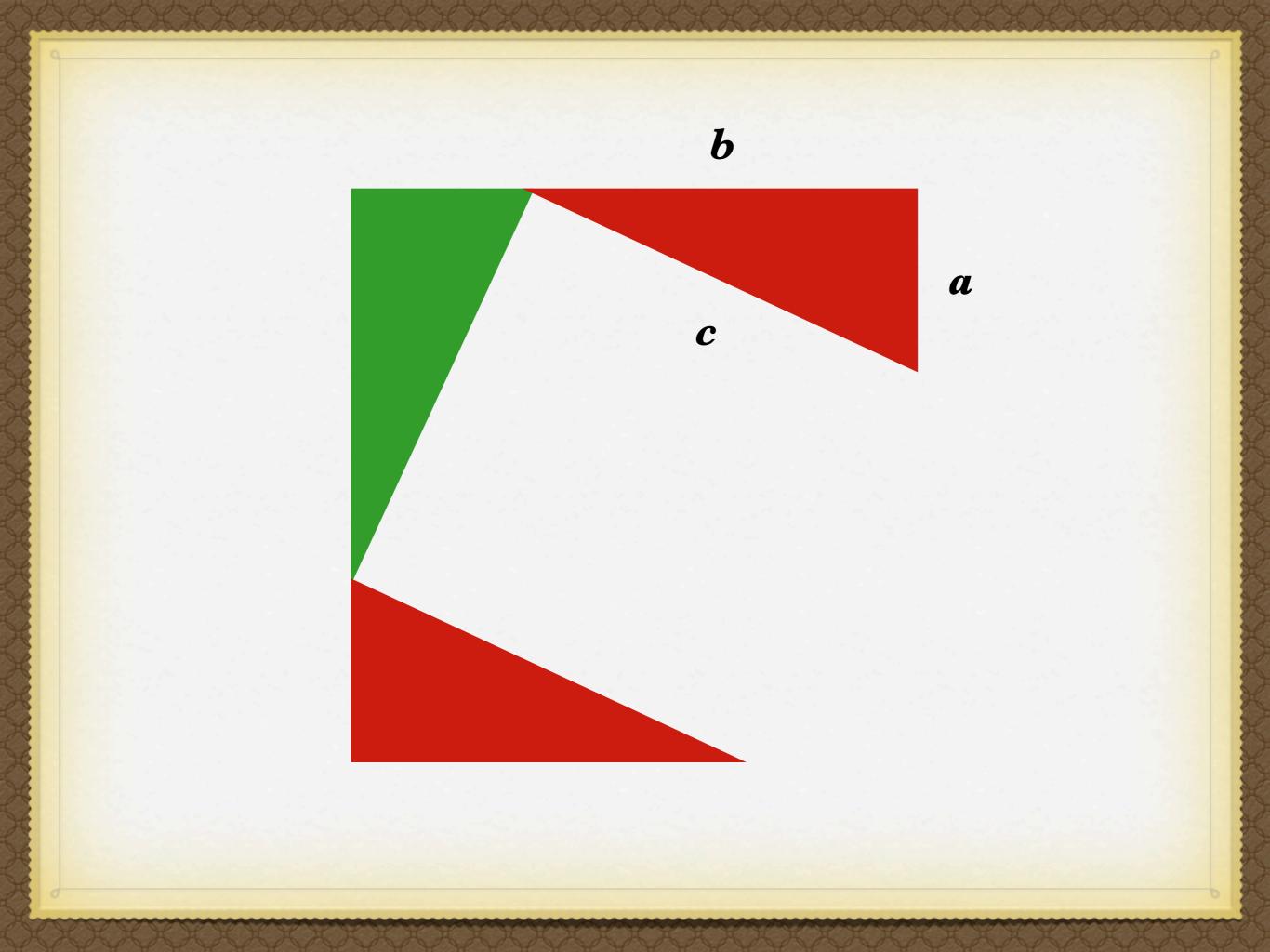


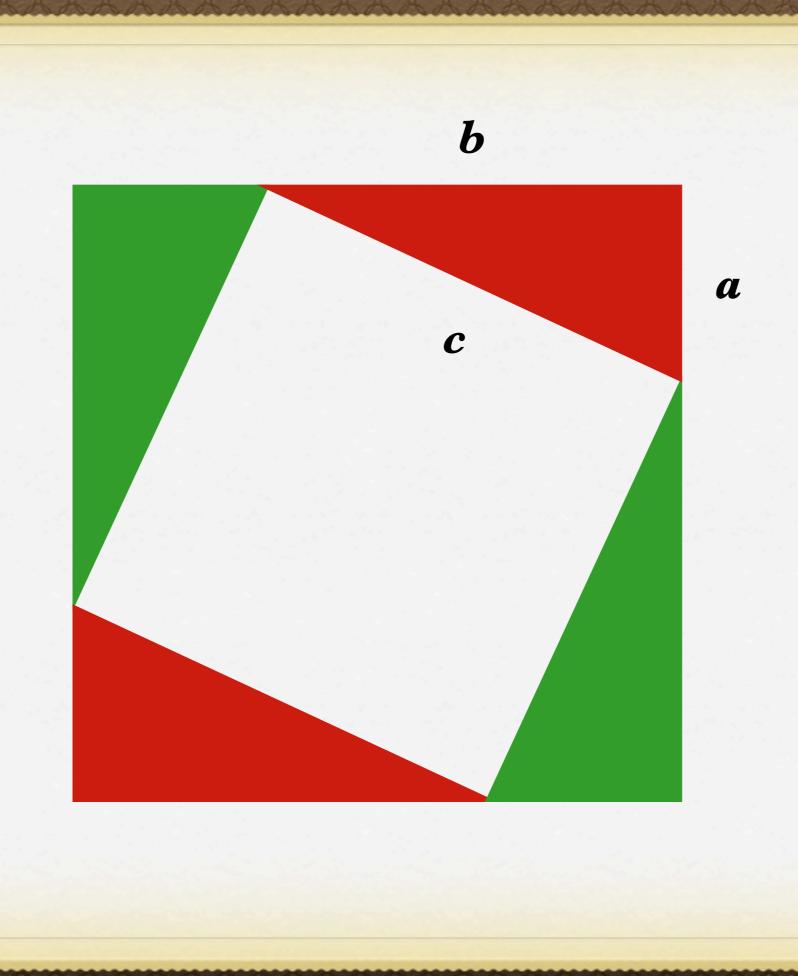


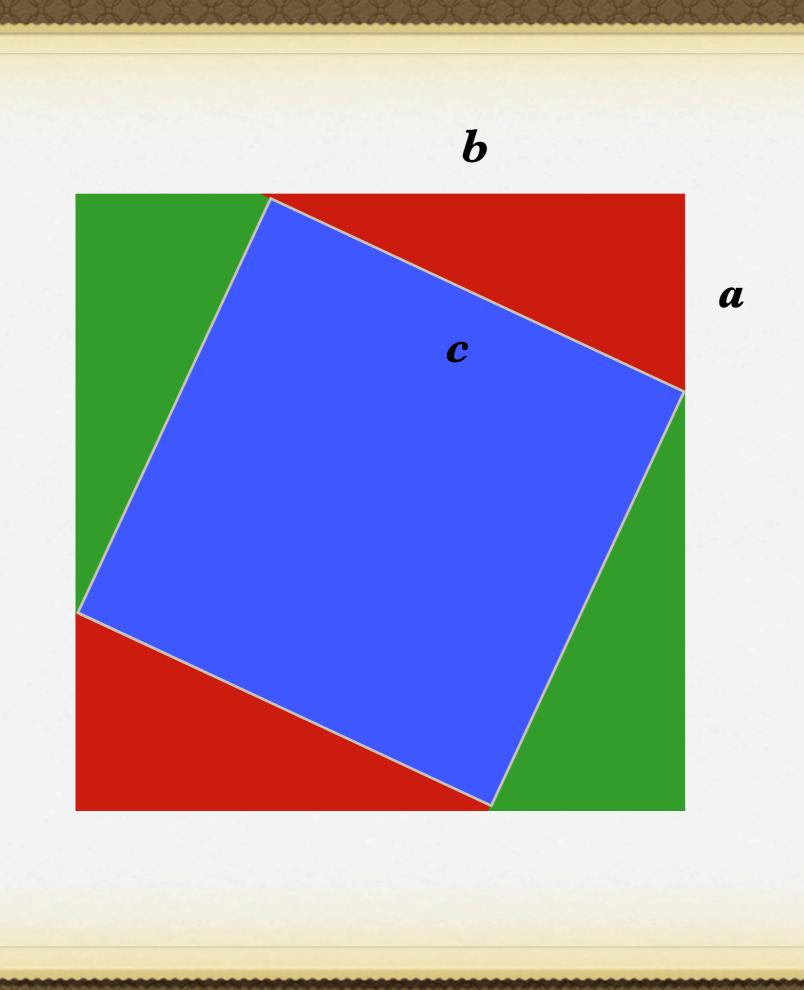


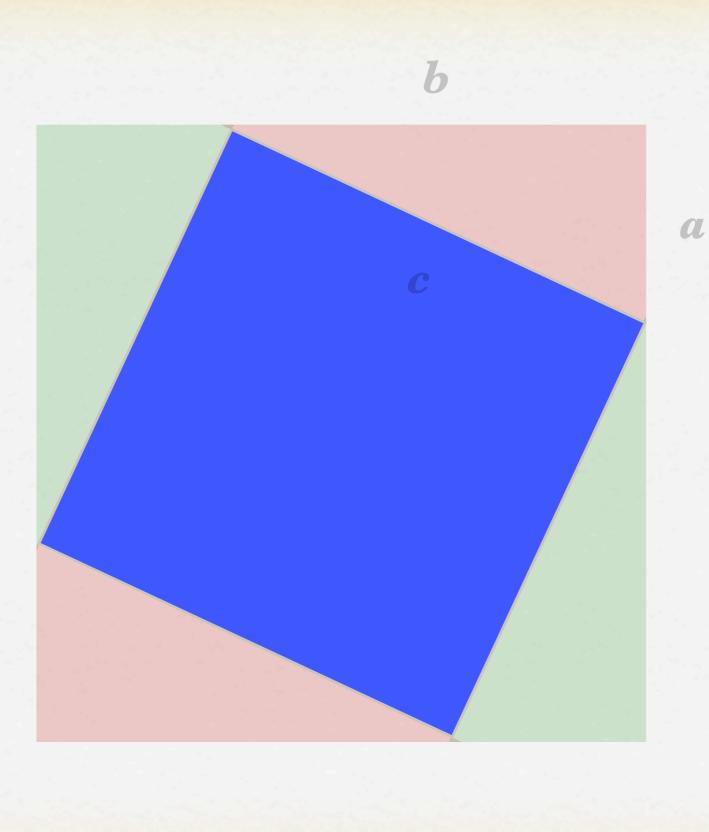


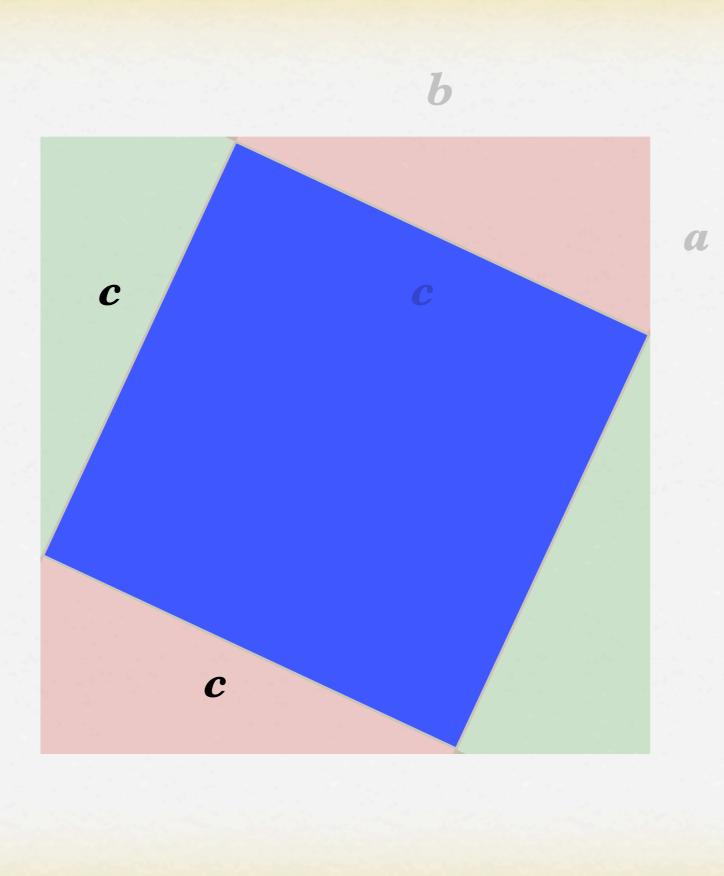


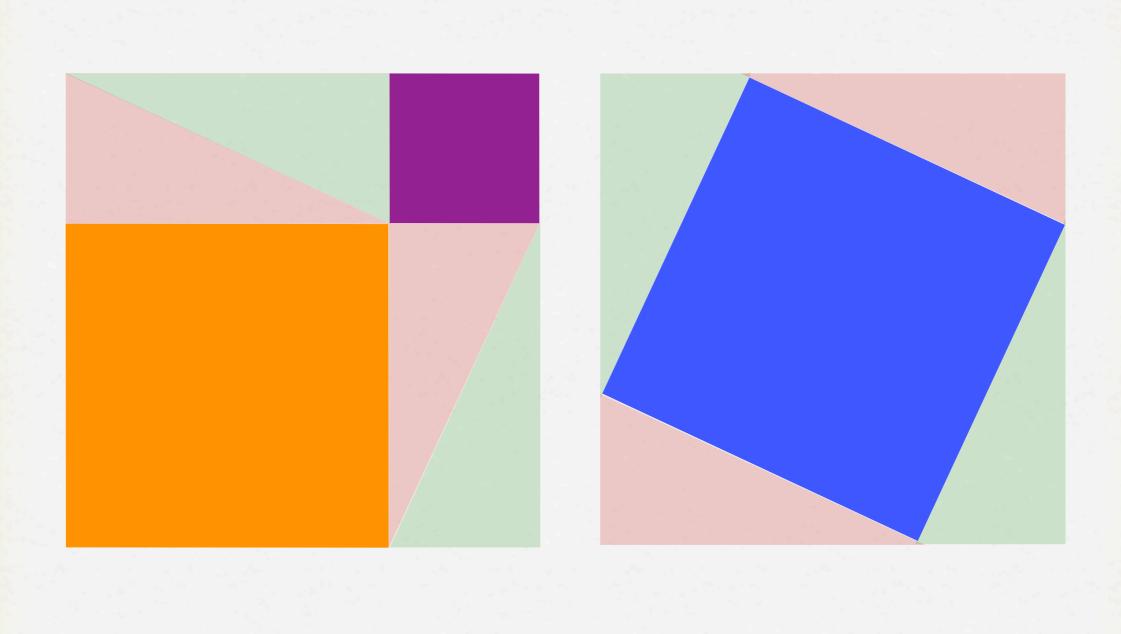


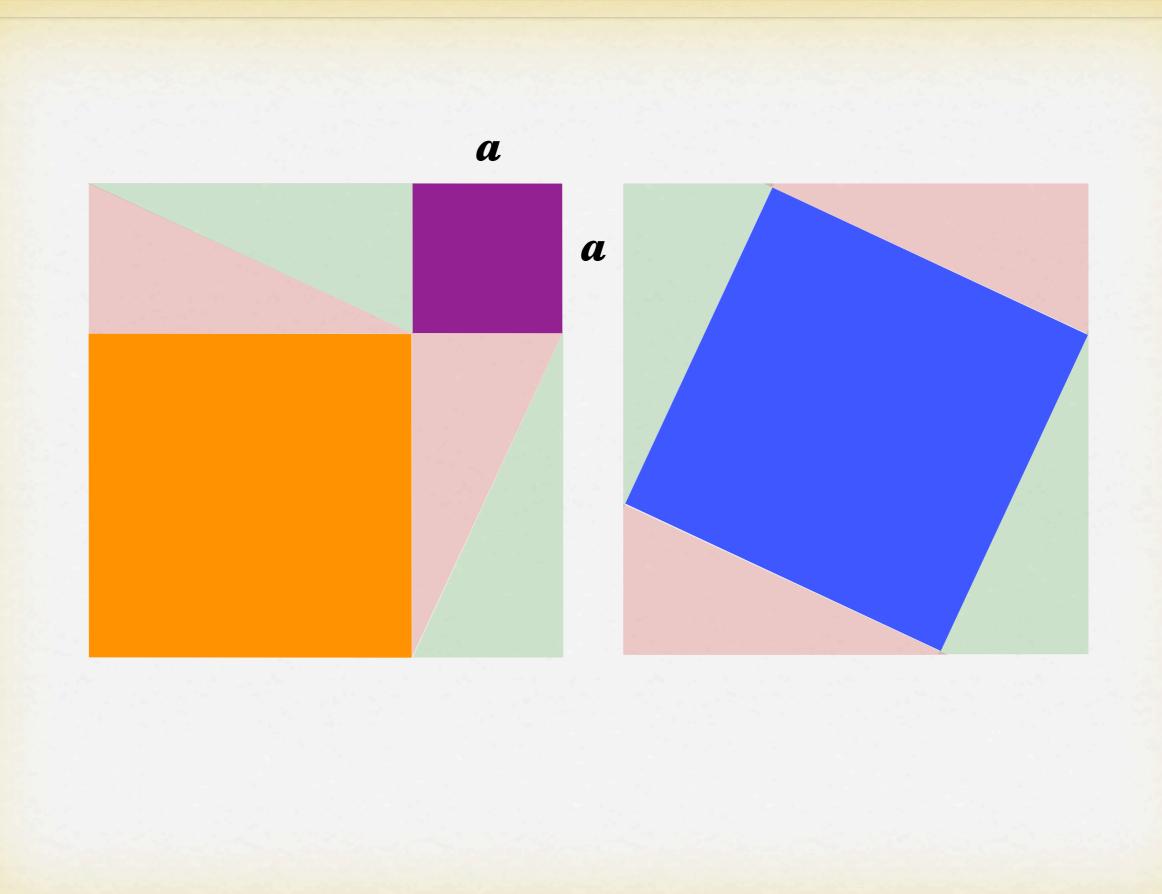


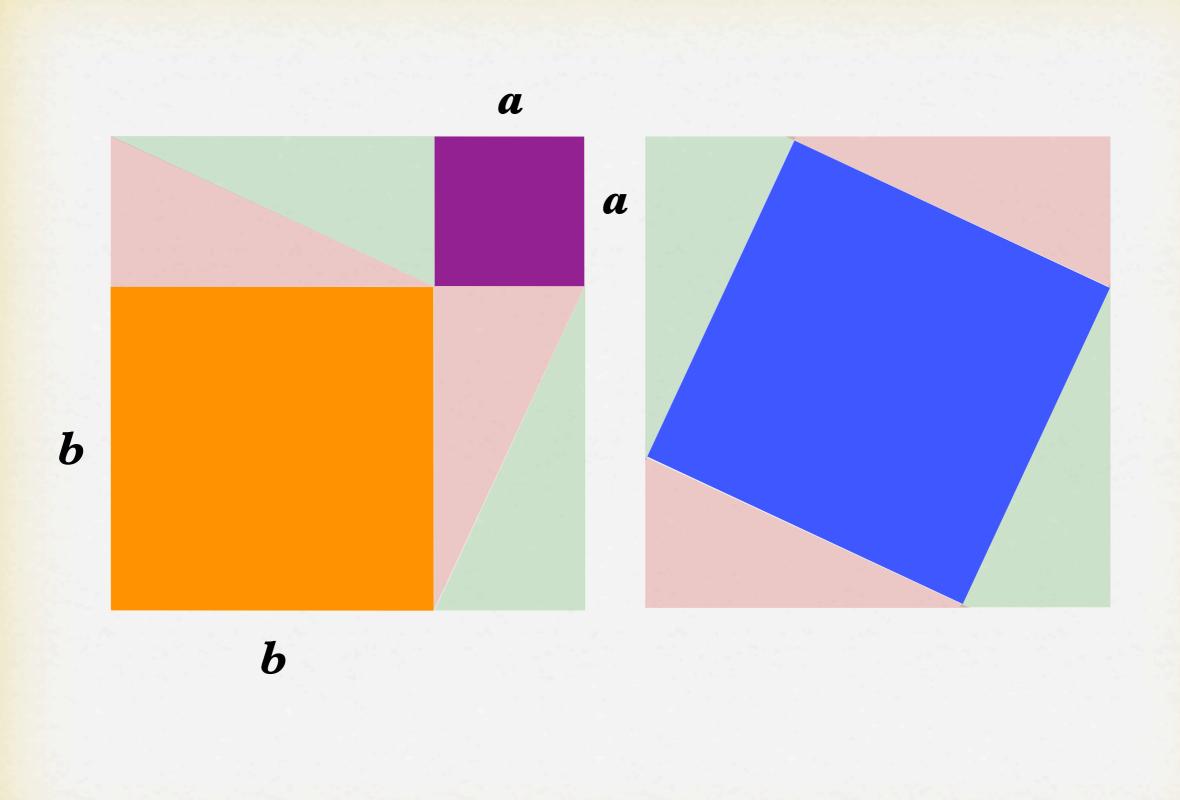


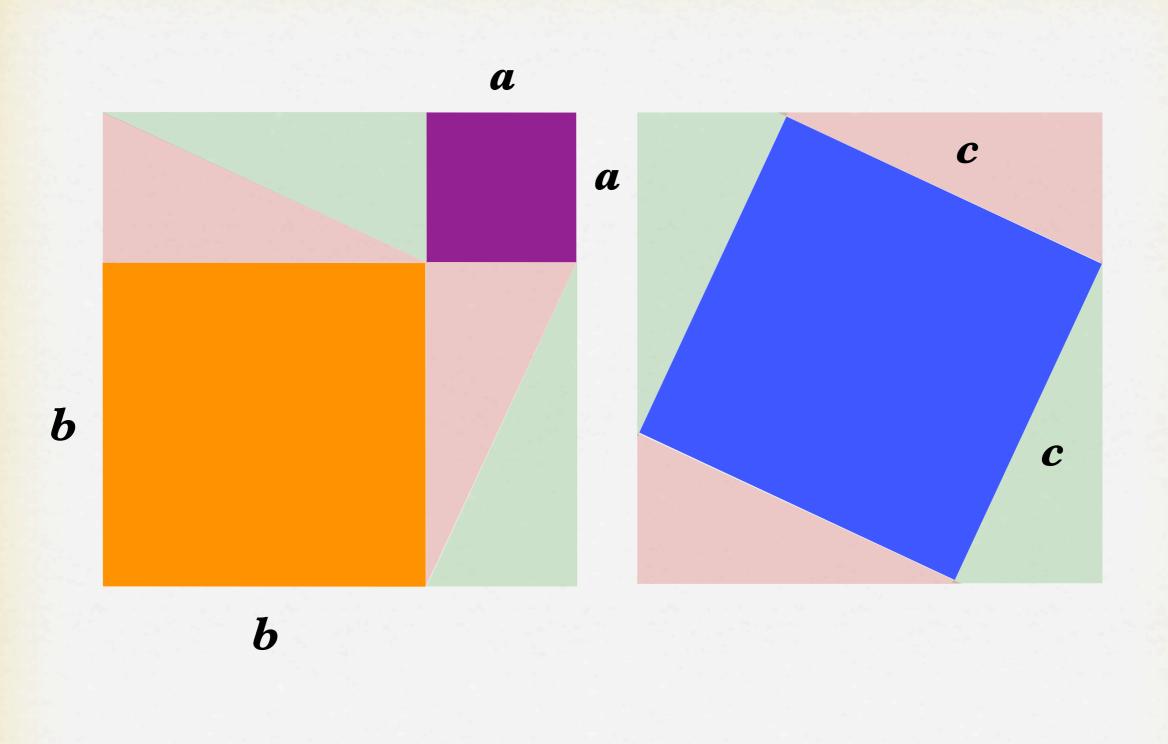




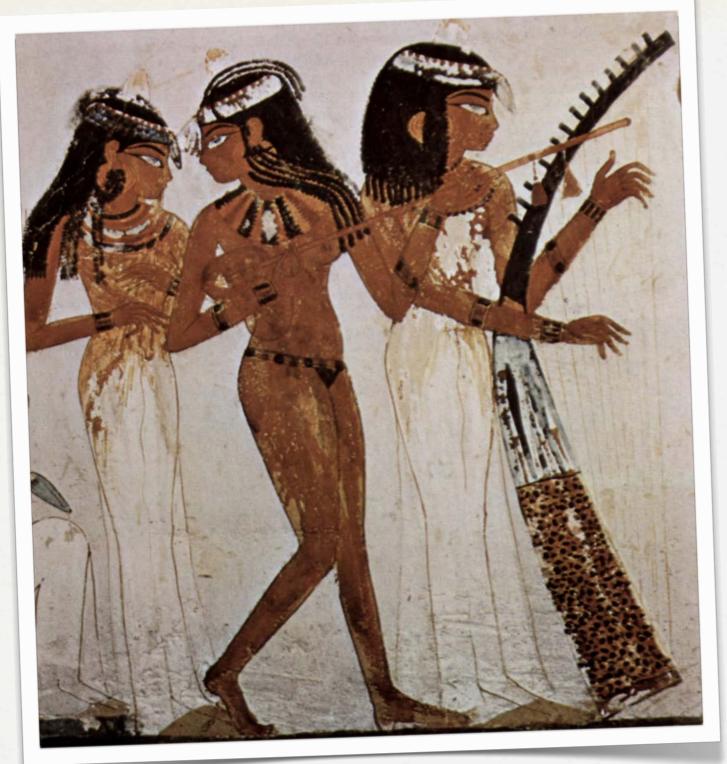








## — MATHEMATICS — The Numbers of Music



Musicians of
Amun, a local
deity of Thebes

Wikimedia Commons

Nicomachus'
Enchiridion
harmonices

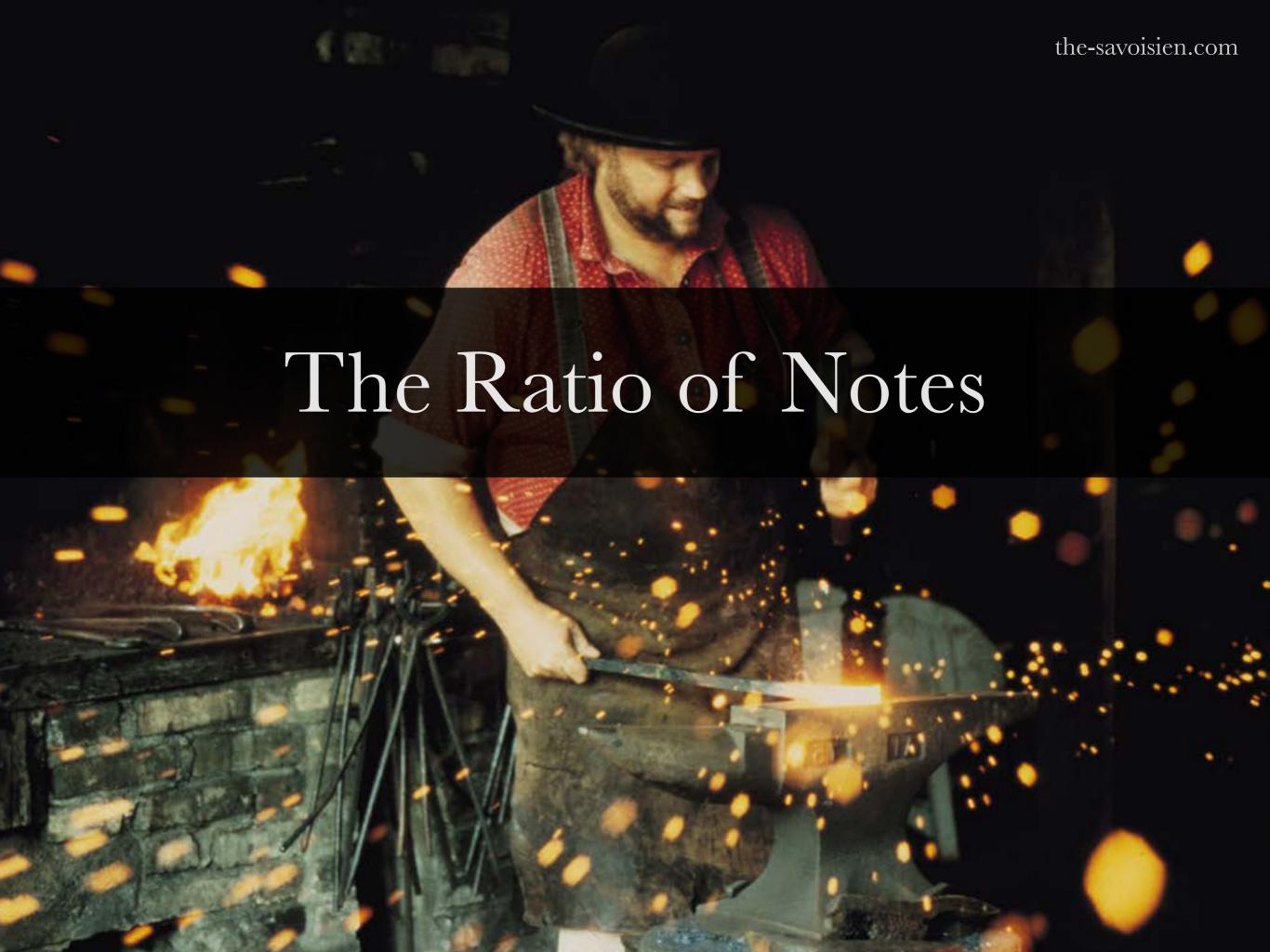


apprendre-math.info

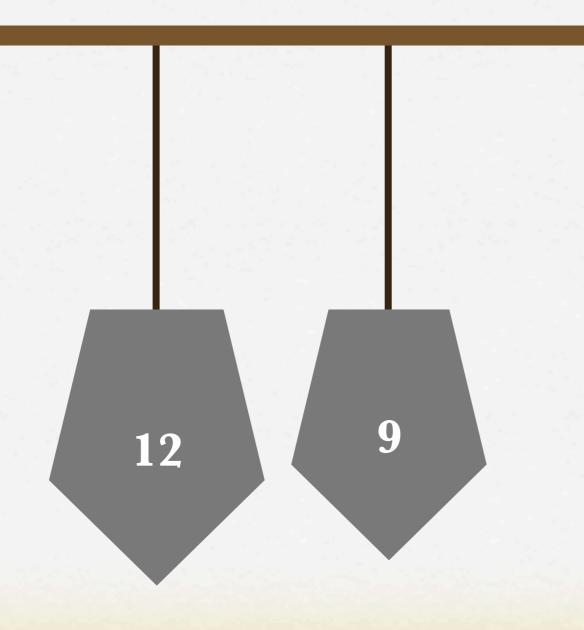
Things to do with notes are ordered in accordance with number.

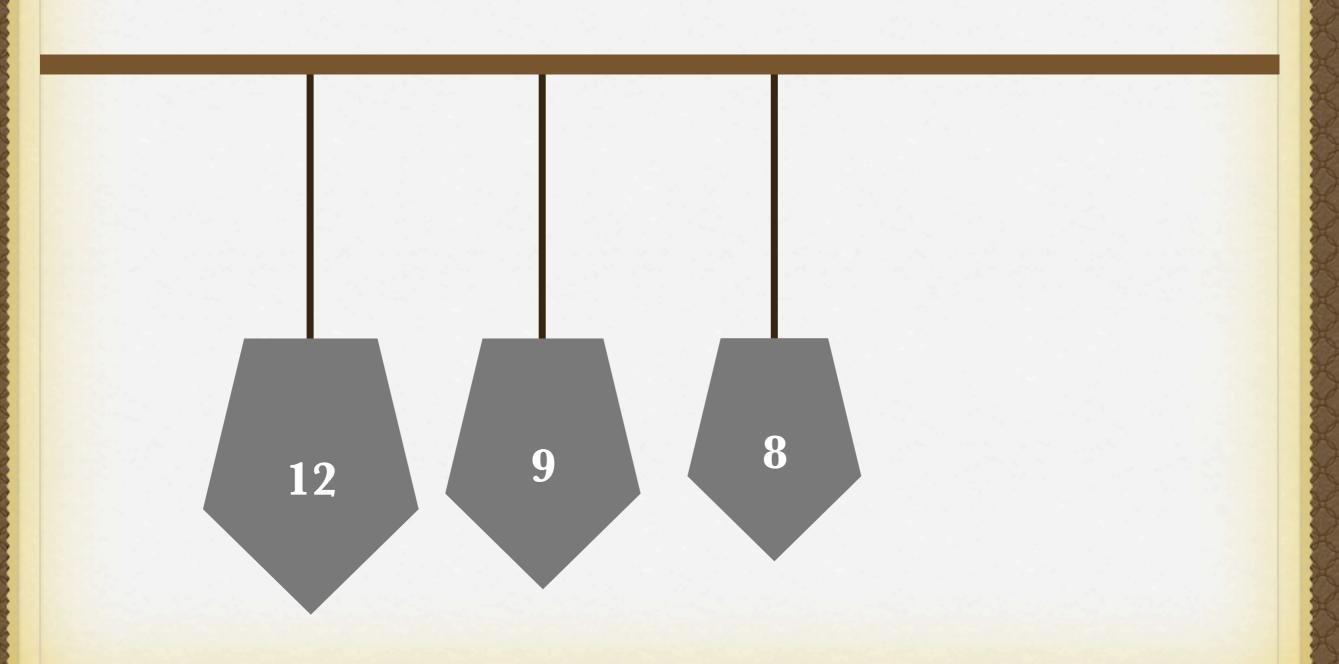
- NICOMACHUS

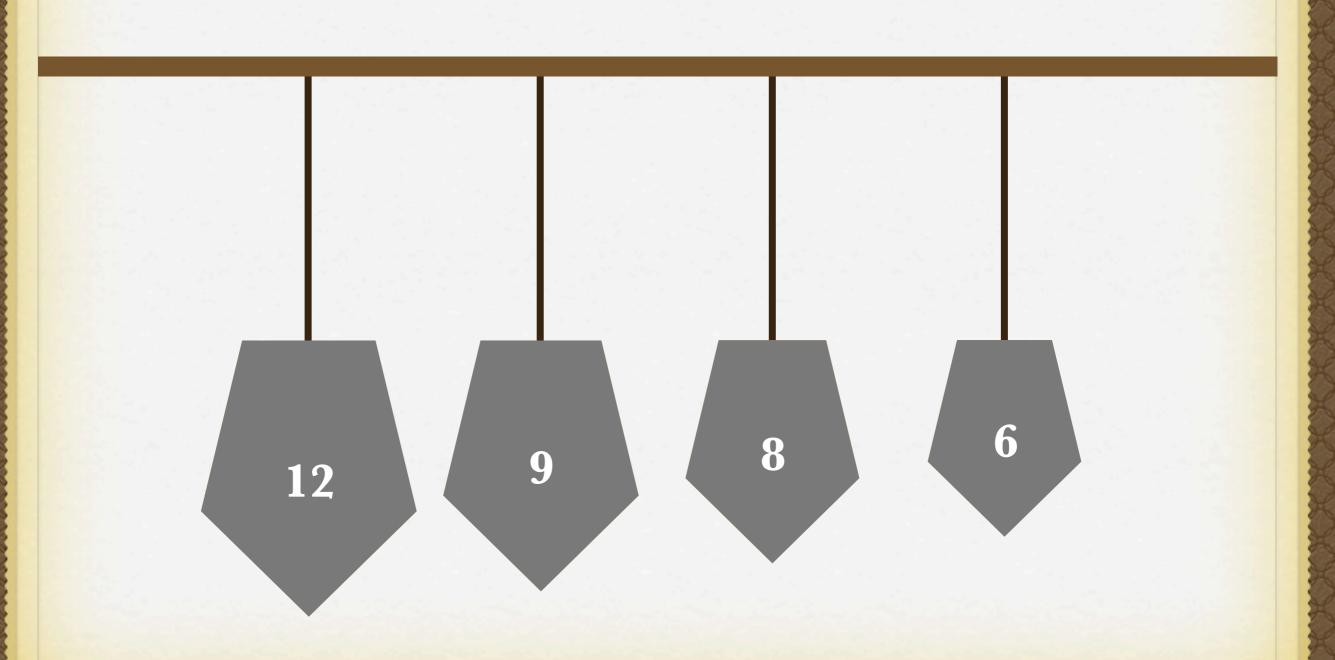
in Enchiridion harmonices

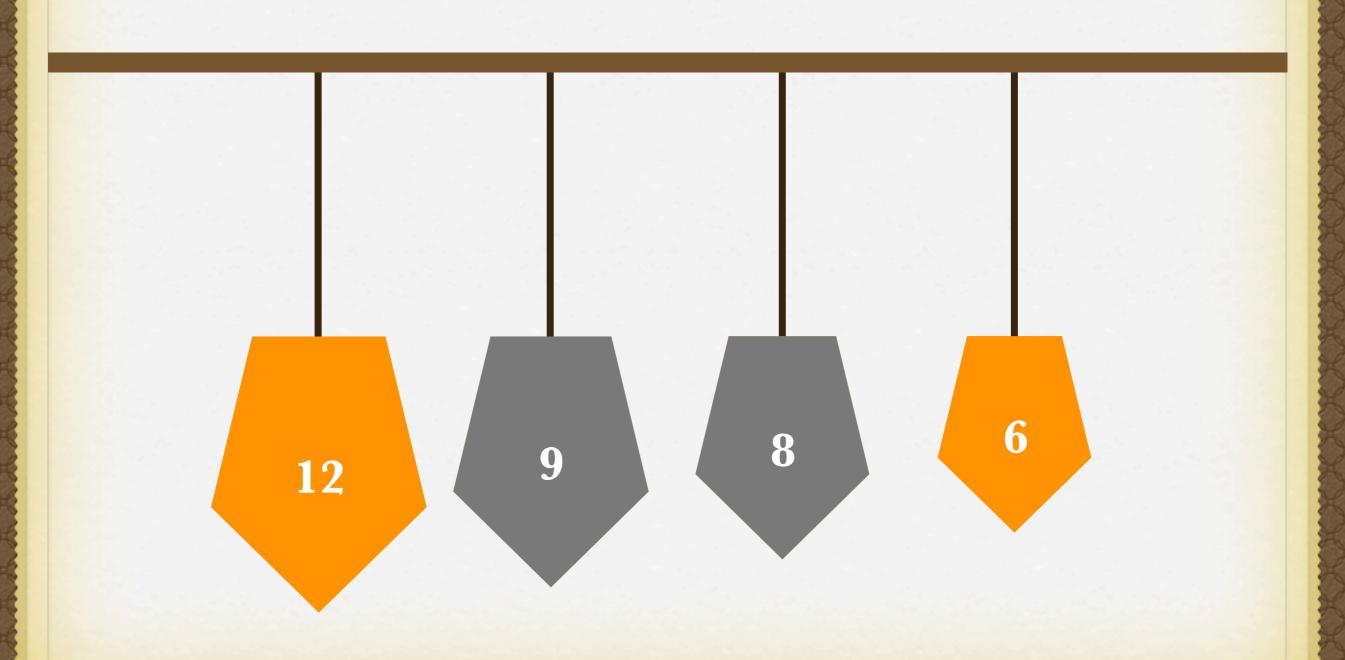


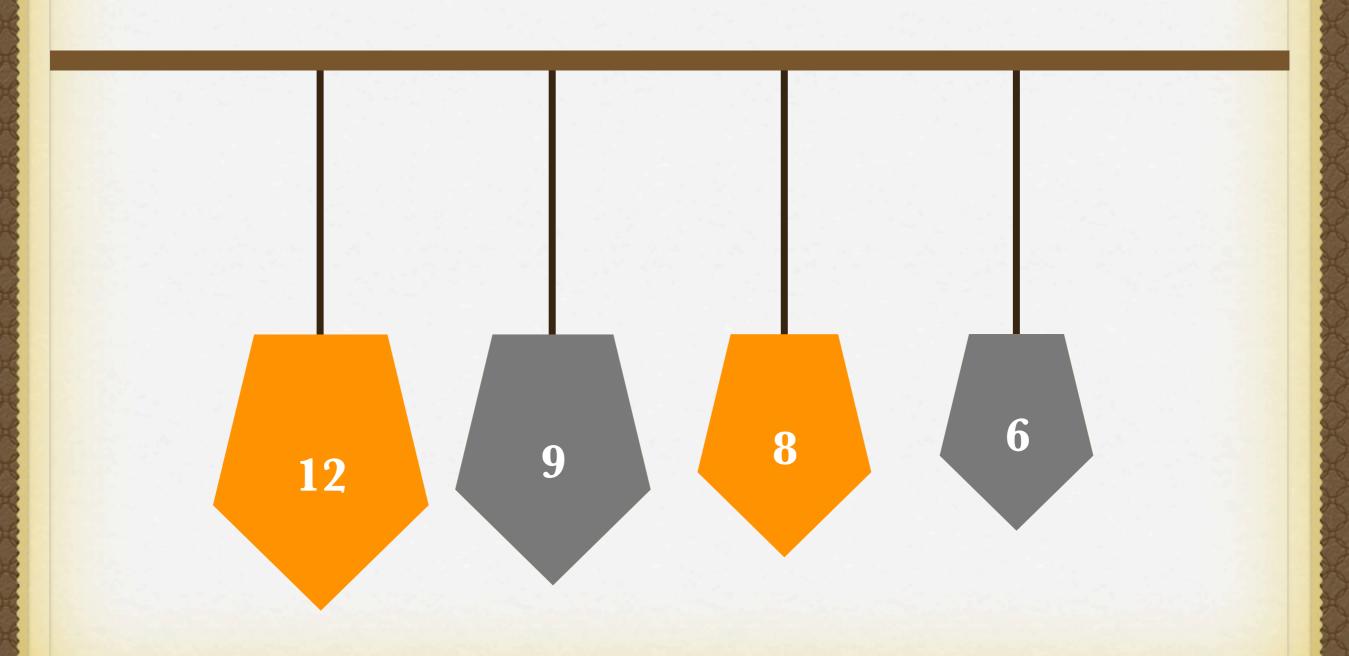


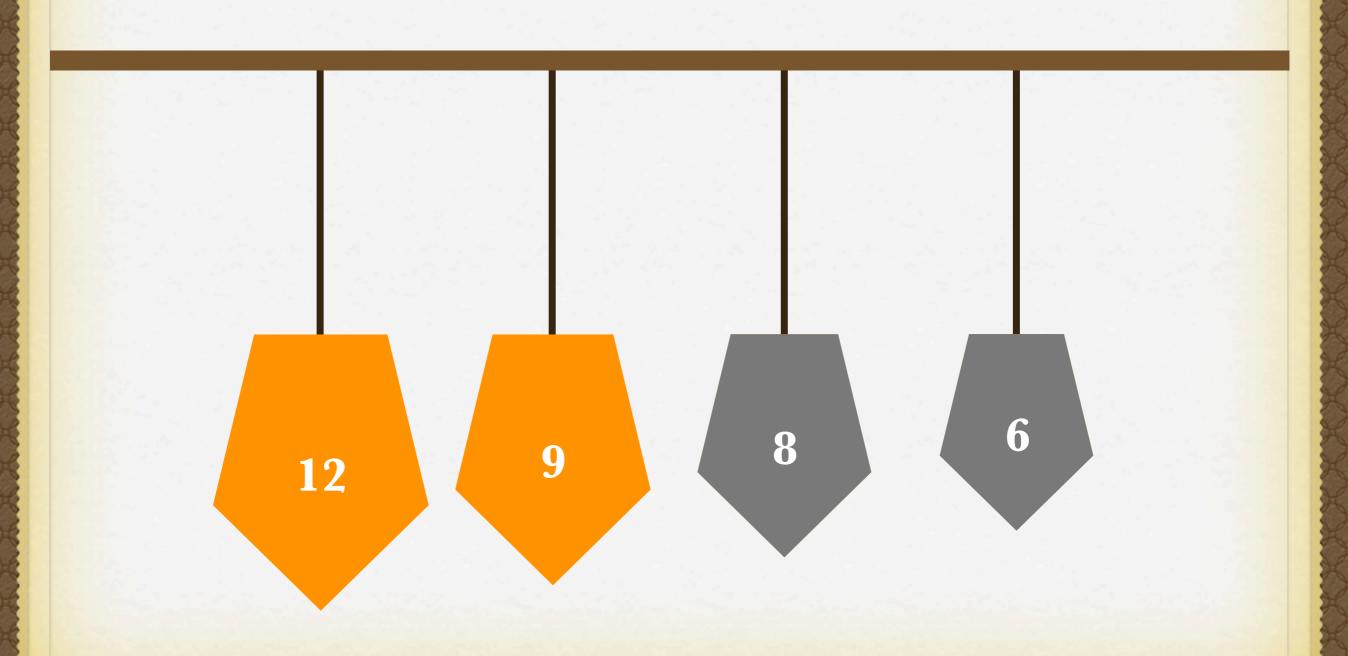


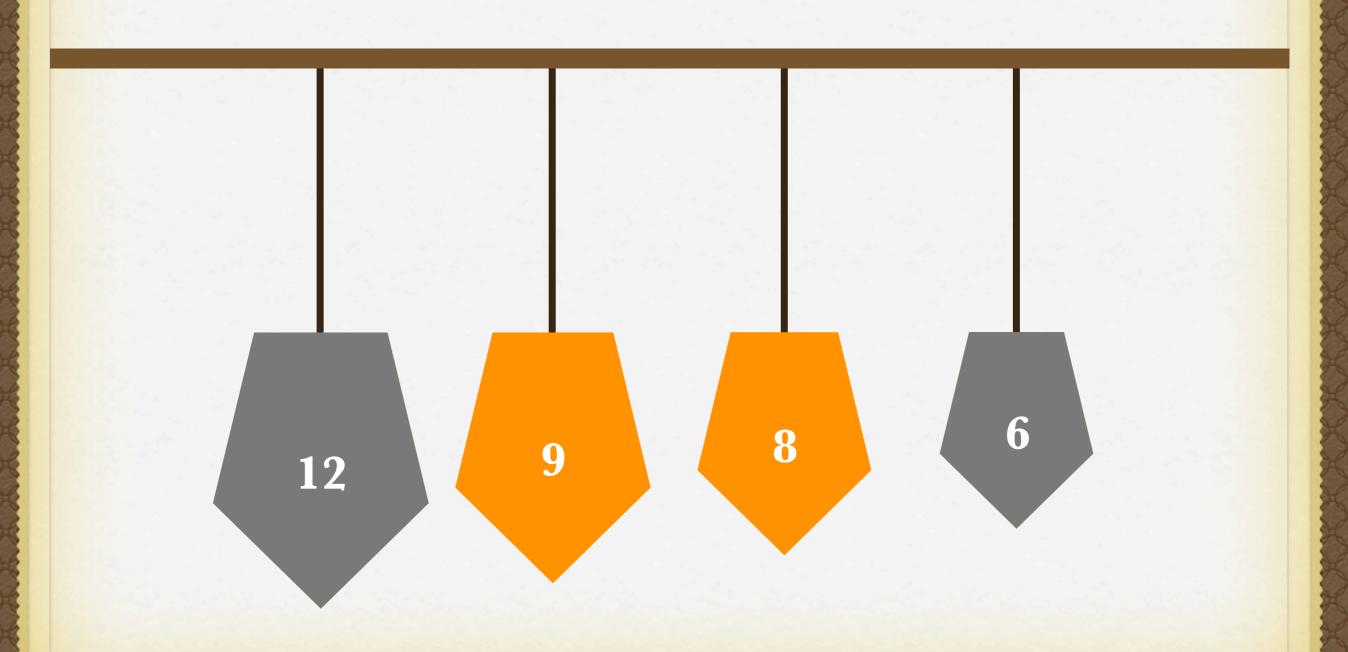


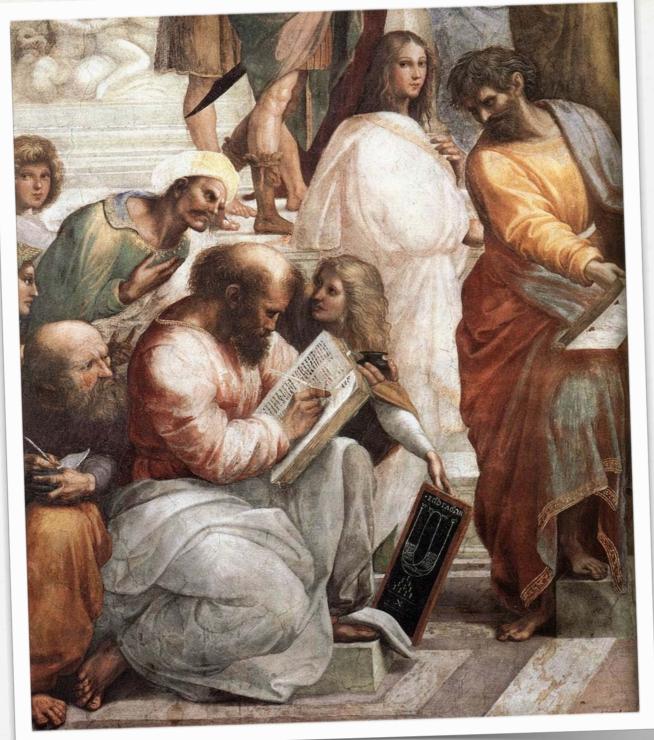






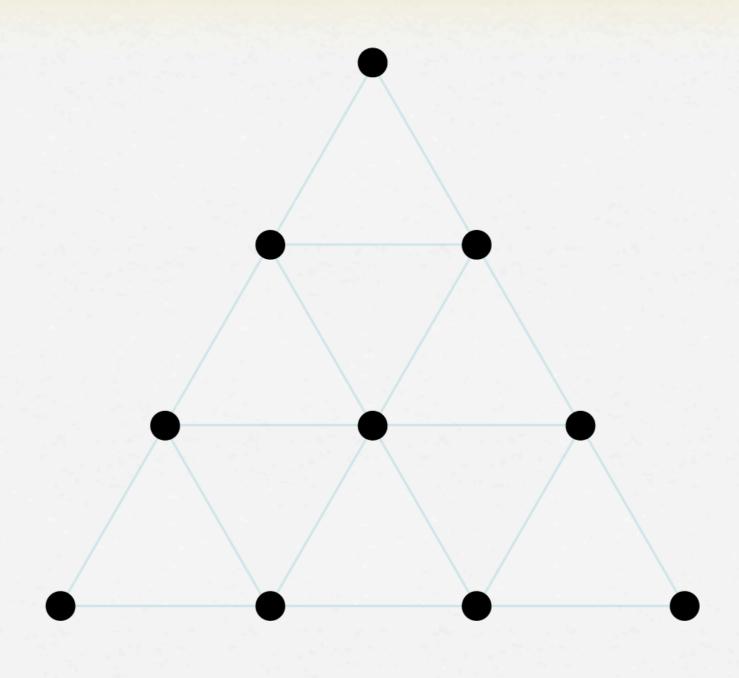






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Pythagoras
teaching music
in The School
of Athens



Pythagoras' tetractys

# Emir Acr Aqua

#### matheteia.net

### MUSIC

— of the spheres —

There's not the smallest orb which thou behold'st but in his motion like an angel sings.

- SHAKESPEARE

in The Merchant of Venice

### MATHEMATICS

— the first *pure* mathematician —

### PYTHAGOREANS

— the school, the cult, the legends —

### Pythagoreans celebrate sunrise



Wikimedia Commons

## -PYTHAGOREANS -Pythagorean Beliefs

### - the - FINAL YEARS



### LEGACY

beloved for his wisdom, and whose followers are to this day quite celebrated for the order which was named after him.

- PLATO in The Republic

...one of the greatest
Greek teachers.

-HERODOTUS

### PYTHAGORAS

— the philosopher and mathematician —

Nick Amoscato & Karl

### - la -FINE