



Maroussi, Greece

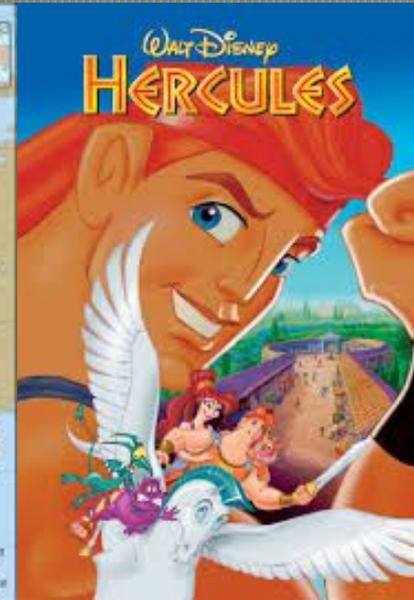
World in math

Task 4: Symmetry

Katherine Zegkou

Angela Xepapadea

1st junior high school of Maroussi



Symmetry

Symmetry comes from the Greek συμμετρία (symmetria)

There are different types of symmetry such as:

- Reflection symmetry: One half of the shape/picture is the reflection of the other one.
- Rotational symmetry: The image appears 2 or more times because it has been rotated around a central point.
- Point symmetry: Two matching parts drawn at the same distance from the central point, but in opposite directions

Some examples of
symmetry that can be
found in Greece:

The Parthenon

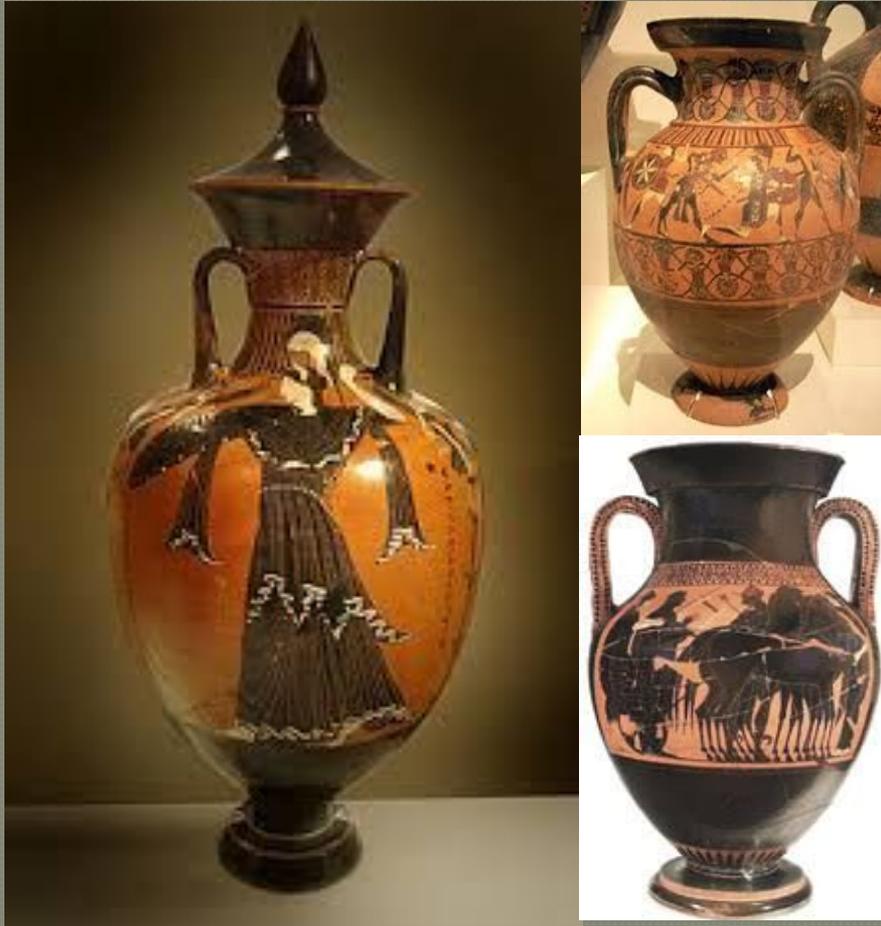


Devoted to the ancient Greek goddess Athena, the Parthenon was built on the highest spot of Athens in 432BC by the two famous at the time architects, Iktinos and Kallikrates

It might not look completely symmetrical nowadays (1st picture) but when it was first built (2nd picture) we can see it had reflection symmetry.



Amphorae



Amphorae are containers used mainly in ancient Greece for the transportation and storage of various different products. They were mostly decorated with war scenes or scenes from ancient Greek mythology

Like the parthenon, they have reflection symmetry (horizontal and vertical)

Mousakas



Our country is known for the traditional food and goodies. One of the most famous, is mousakas.

Mousakas is made with potatoes, beef, eggplant and besamel which is a type of salty creme. It is being baked and it's getting cut in pieces.

Like the previouw two examples, mousakas has reflection symmetry.

Greek Coffee



Another tradition in Greece is the coffee. People in villages, cities and islands drink it every day. We even have special cups for this special type of coffee!

The cup has reflection symmetry.

Semedaki



Basically, "semedaki" is a greek word which -roughly translated- means the cloth that we put on furniture to protect them.

There isn't a single Greek home that doesn't have at least one of them, even if it is stashed in the back of a closet.

They too have rotation symmetry