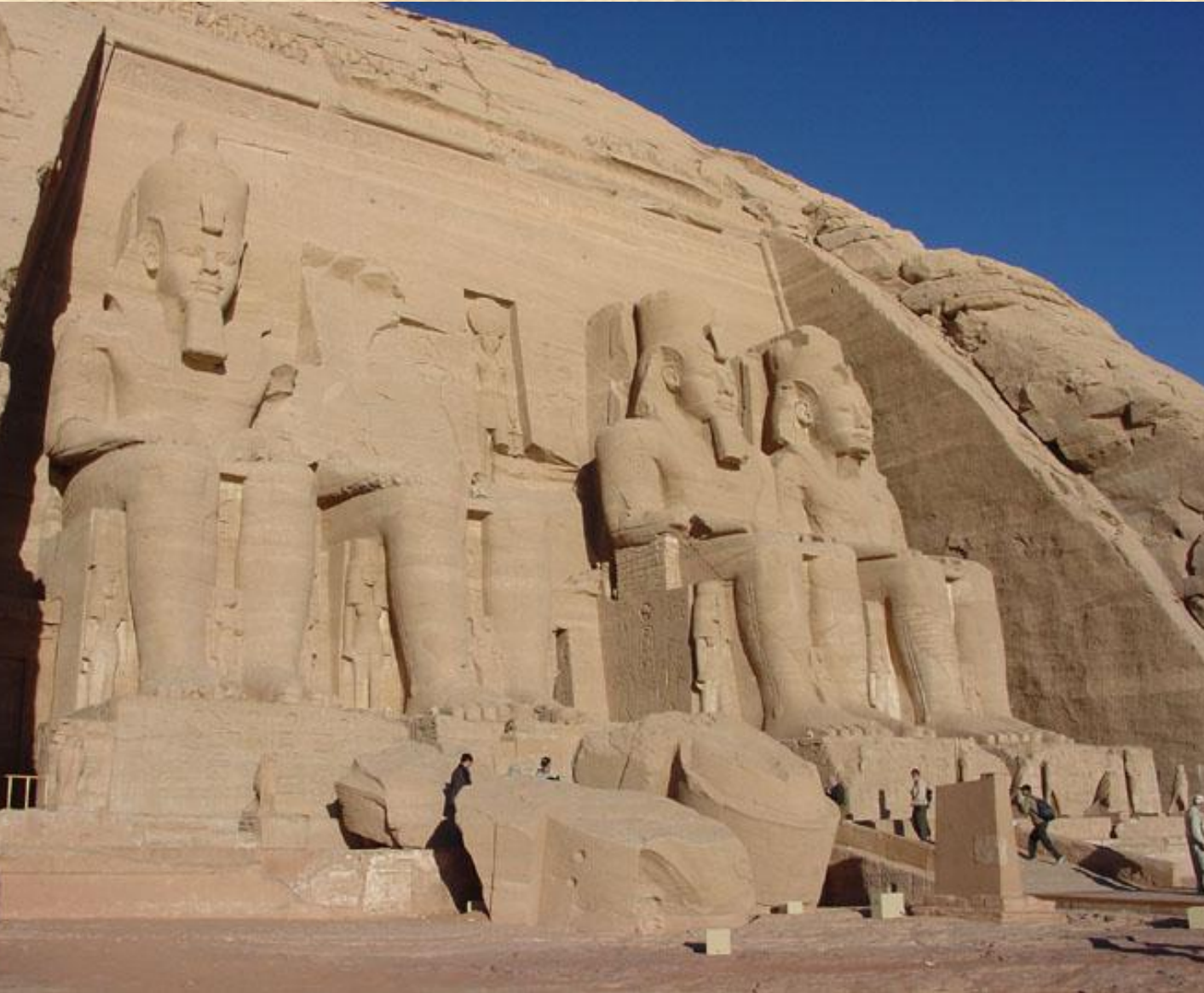


Abu Simbel

1 of 8



- 66 foot colossal statues of Ramses II

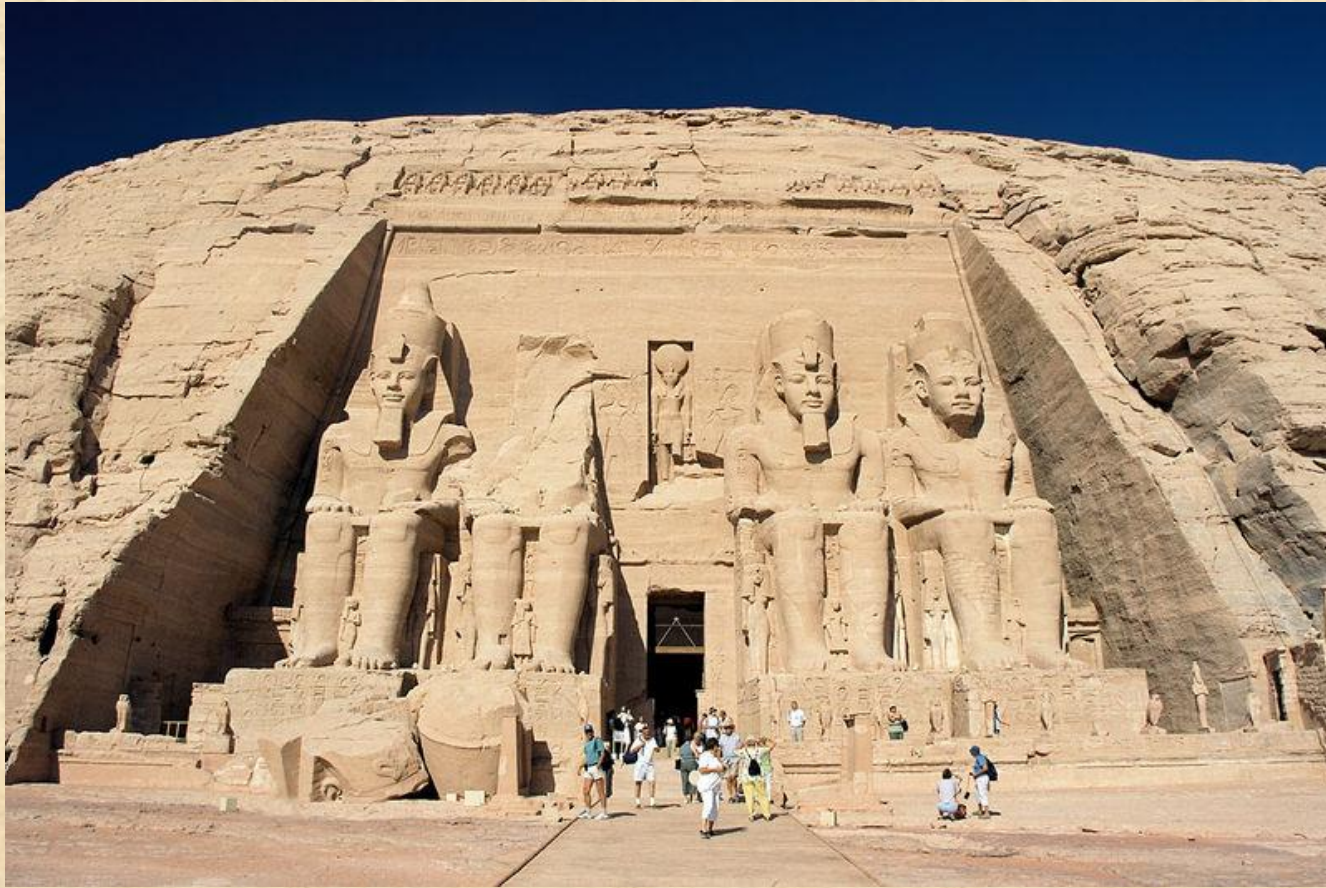
- sculpted directly from the rock face

Hathor Temple

2 of 8



- To the north of the main temple is a smaller temple that was built in honor of Ramses' great wife, Nefertari, and the goddess Hathor.



- At the solstices, twice a year (February 21 and October 21) the dawn sunlight is aligned to light the entire length of the temple, lighting up three of the four statues.



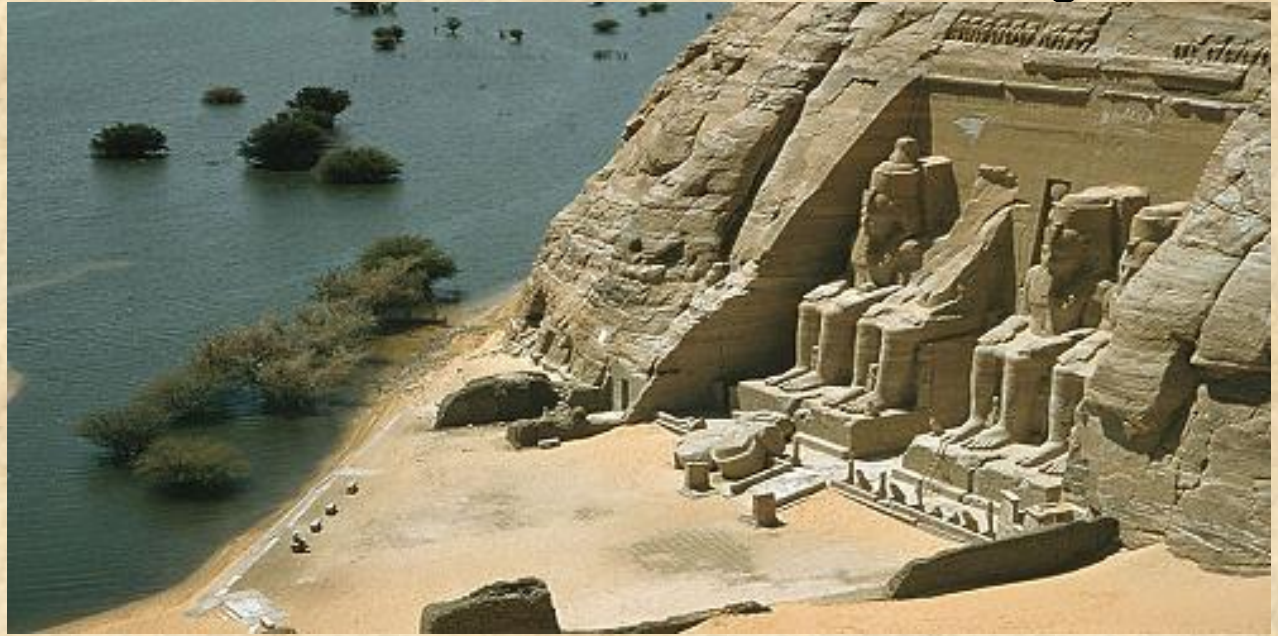
Aswan High Dam

4 of 8

- In 1960 the Egyptians decided to build the Aswan High Dam.

This would

1. create electricity,
2. regulate floods to allow for 1 more harvest season between August and October, and
3. create the world's largest man-made lake, Lake Nasser.

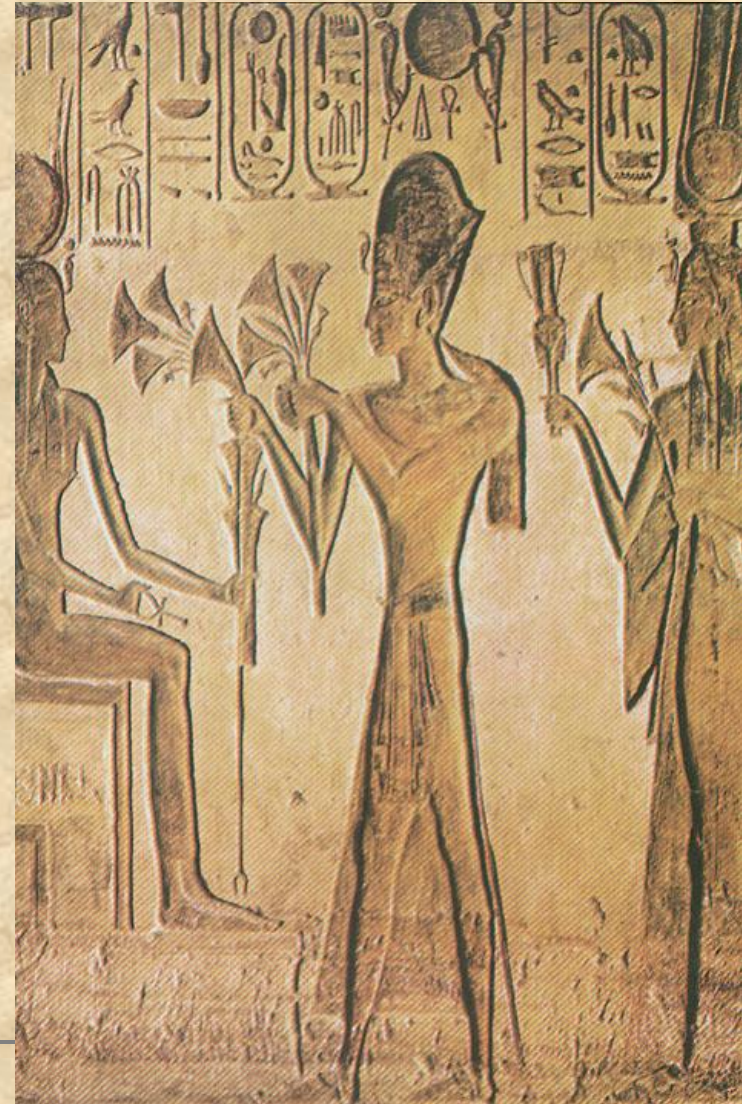
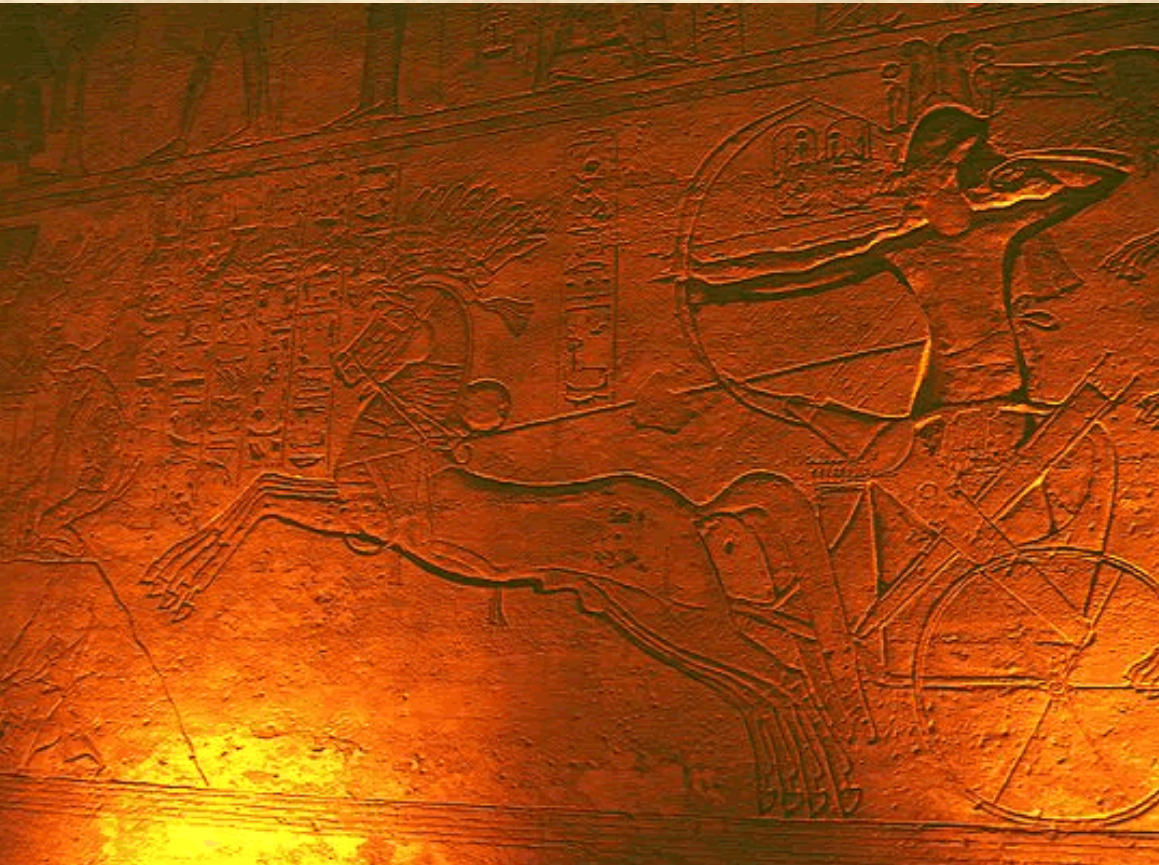


Inside the Abu Simbel Temple

5 of 8

PROBLEM:

If the Egyptians built the new dam, it meant that the temples would be flooded.



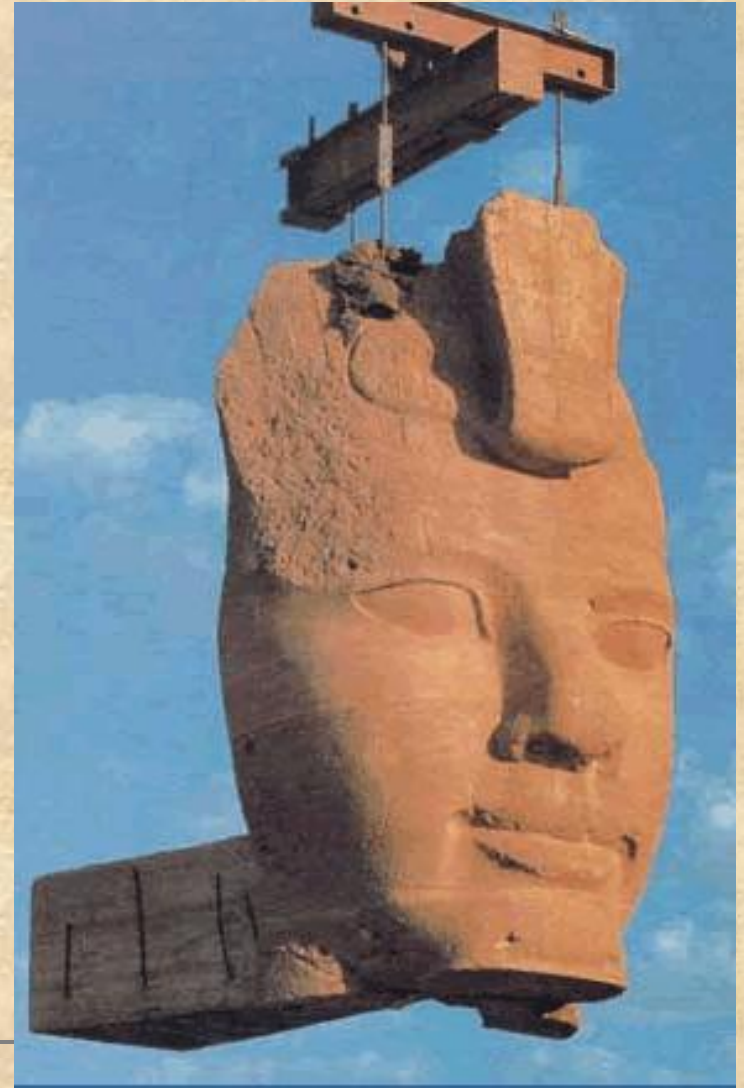
The Two Ton Jigsaw Puzzle

6 of 8

SOLUTION:

MOVE THE TEMPLES

The reconstructed temples were moved 64 m higher up the valley, and refigured along the outside and the inside of a concrete dome.



Concrete Dome

■ 7 of 8



- **The reconstruction of both temples was so accurate, that no one can see from the outside that the hill is hollow and actually a concrete dome.**
-

View of the Original and Manmade Temples

8 of 8



Bibliography 4/17/07

- www.briegull.com
 - http://www.galenfrysinger.com/egypt_abu_simbel.htm
 - <http://www.galenfrysinger.com/aswan.htm>
 - <http://www.egyptologyonline.com/>
 - http://www.aegypten-fotos.de/aswan_e.htm
 - http://www.aegypten-fotos.de/aswan_e.htm
 - http://en.wikipedia.org/wiki/Abu_Simbel
-