

## CO 480 Week 4 Learning Goals

By the end of this week, students should be able to...

- Describe the geographical features of Egypt that made civilization flourish.
- Discuss some of the contributions made by the Egyptians to mathematics (possibilities include Egyptian fractions, calendars and astronomy, etc.).
- Identify some famous papyri and describe what papyrus was.
- Understand how Egyptian notation works. Be able to convert to and from an Egyptian system.
- Explain the relationship between binary arithmetic and Egyptian Arithmetic.
- Be able to add, subtract, multiply and divide like Egyptians.
- Walk like an Egyptian!
- Discuss how Egyptians dealt with rational numbers.
- Explain Horus' Eye and identify who Horus was.
- Using the above, be able to do computations with and solve problems involving Egyptian fractions.