

Eye of Horus and fractions

HORUS WAS AN EGYPTIAN GOD .

MANY GODS RULED EGYPTIAN LIFE. MANY MYTHS AND STORIES
ABOUND ABOUT THESE GODS.

HORUS WAS THE GOD OF THE SKY .HE HAD FACE OF AN EAGLE.



HE HAD A BROTHER SETH WHO RULED UNDER
WORLD. GOD SETH WAS DEPICTED WITH THE
HEAD OF A FOX



GODDESS THOTH WAS FOR READING AND
WRITING. SHE HAD A CRANES HEAD



IN EGYPTIAN MYTHOLOGY ONE STORY IS LIKE THIS,---- THERE WAS ONCE A BIG FIGHT BETWEEN SETH AND HORUS.

SETH PLUCKED HORUS' EYE AND THREW ITS PARTS ALL OVER EGYPT.

AT THAT JUNCTURE OTHER GODS STOPPED THEIR FIGHT.

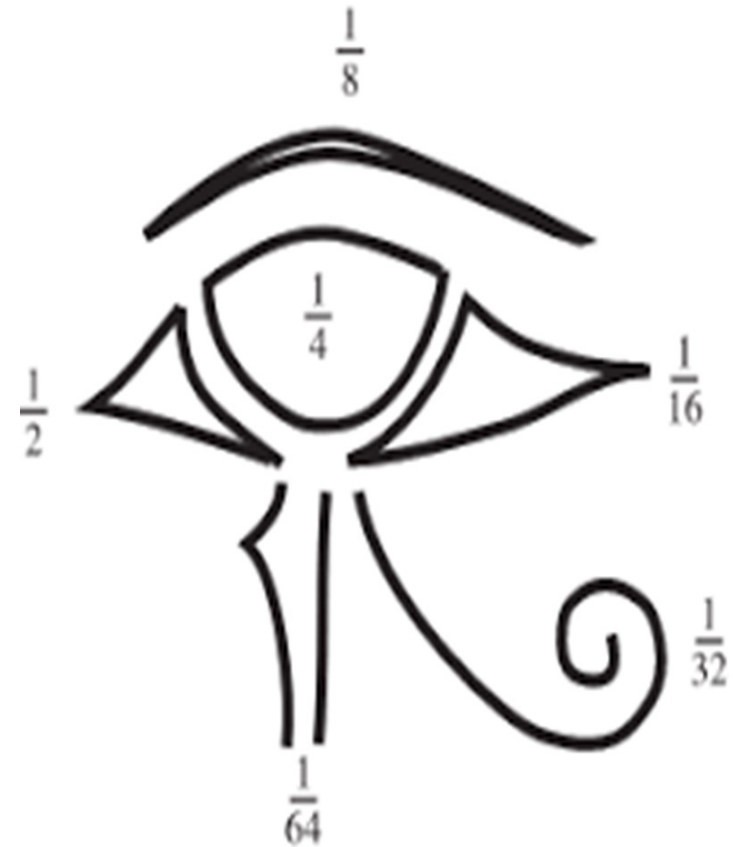


GODDESS THOTH GATHERED ALL PIECES OF THE EYE
AND ASSEMBLED IT ,PUT BACK ON HORUS. SINCE THEN
THE HORUS EYE IS THE SYMBOL OF REGENERATED LIFE





THE SEGMENTS OF EYE OF HORUS ARE
EMPLOYED IN EGYPTIAN MATHEMATICS.



The system of Horus Eye fractions



= the complete eye

 = 1 / 8

 = 1 / 2

 = 1 / 4

 = 1 / 16

 = 1 / 64

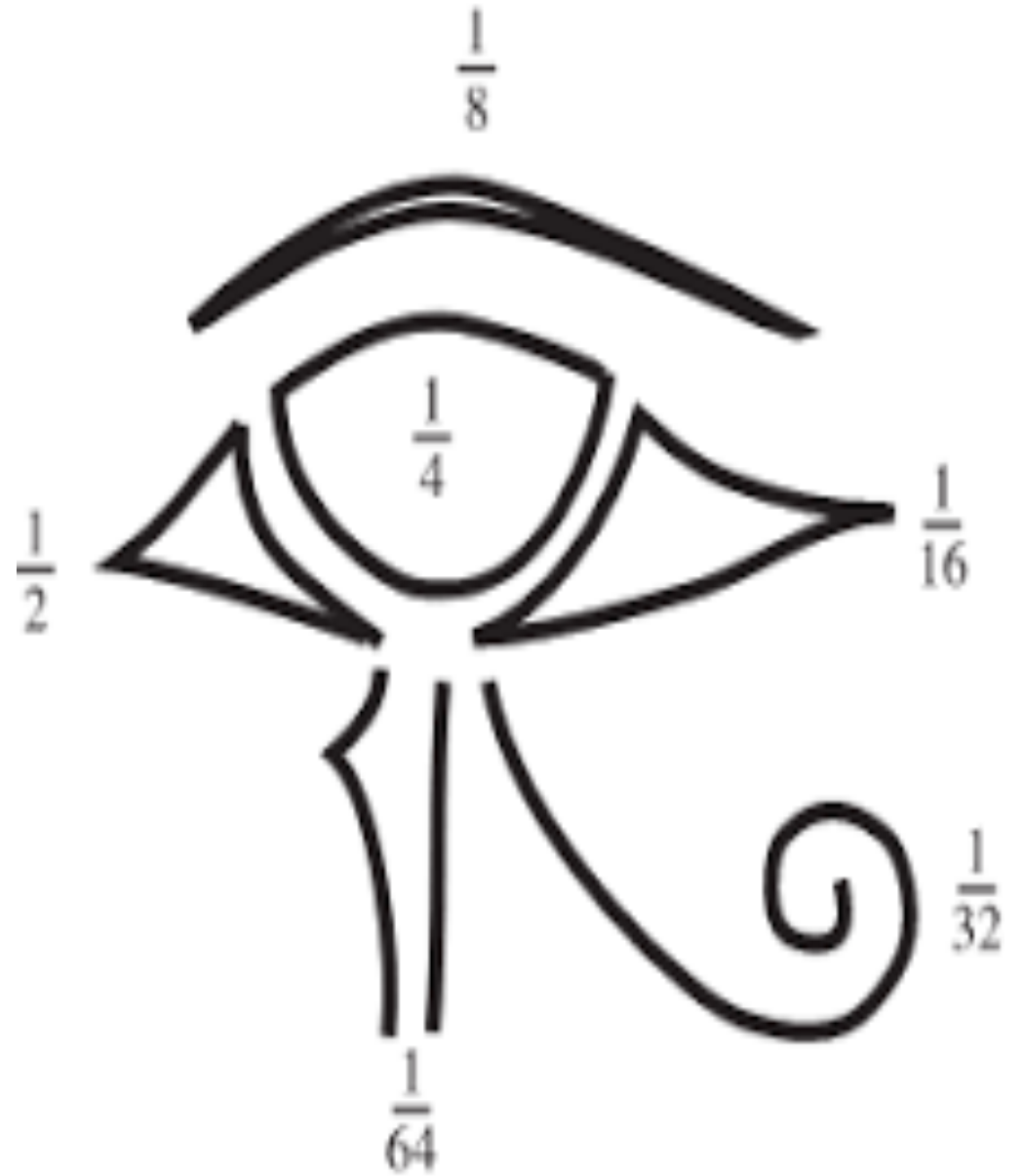
 = 1 / 32

The ancient Egyptian system of measures provides another example of number signs conceived as a **coherent system**. In the so- called “**Horus-eye fractions**”¹, the designer of a numerical sequence linked its members also into a unified whole derived from a myth, just as in the series of numerals for the powers of ten.

EGYPTIANS USED THESE SYMBOLS TO REPRESENT FRACTIONS .

MATH HISTORIANS SAY EGYPTIANS CHOSE THIS METHOD BASED ON THE STORY THAT EYE OF HORUS WAS ADDED TOGETHER TO ASSEMBLE ONE COMPLETE EYE

(SINCE FRACTIONS ARE LESS THAN 1 AND FRACTIONS ARE GOT BY DIVIDING ONE.)



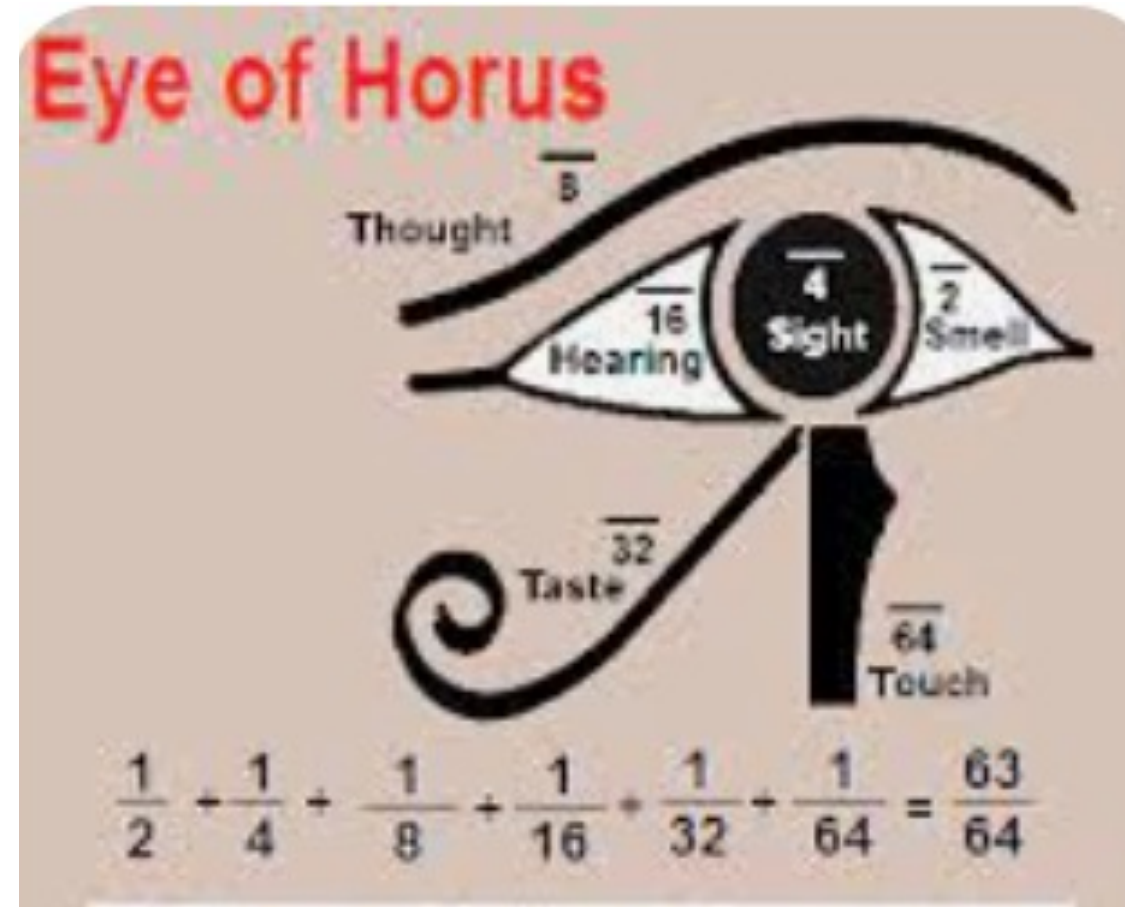
HOWEVER THERE IS STORY RECORDED IN
A PAPYRUS ABOUT A SCHOOL BOY IN
EGYPT.

IT WAS A MATH CLASS.

THEY WERE TEACHING FRACTIONS.

THE BOY ASKED ---" ALL PARTS OF HORUS
EYE ADDED TOGETHER MADE ONE EYE.

BUT WHEN ALL FRACTIONS ADDED
TOGETHER IN THE EYE DO NOT ADD UP
TO 1 , WHY .



THE TEACHER DID NOT KNOW WHAT TO SAY.

HE SAID--" THE REMAING PORTION IS GIVEN BY
GODDESSS THOTH FOR BRIGHT STUDENTS LIKE YOU"

JUST AS IN OUR TIMES THERE WARE INTELLIGENT
STUDENTS
AND TEACHERS WHO COULD NOT ANSWER THEM--- IN
ANCIENT EGYPT TOO