

Introdução à História da Física I

01/04/2022

O começo

Mesopotâmia




























Suméria, Babilônia e Assíria



Numeração

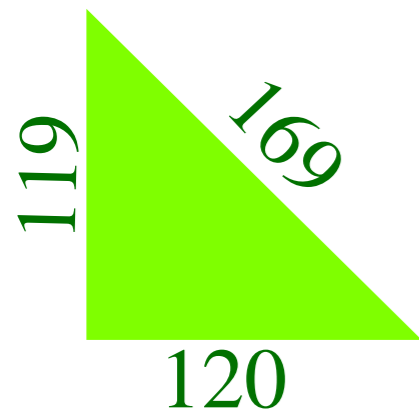
Cuneiform numbers

 1	 2	 3	 4	 5
 6	 7	 8	 9	 10
 11	 12	 13	 14	 15
 16	 17	 18	 19	 20
 30	 40	 50	 60	 70

Matemática

1822 - 1762 AC

119,120,169



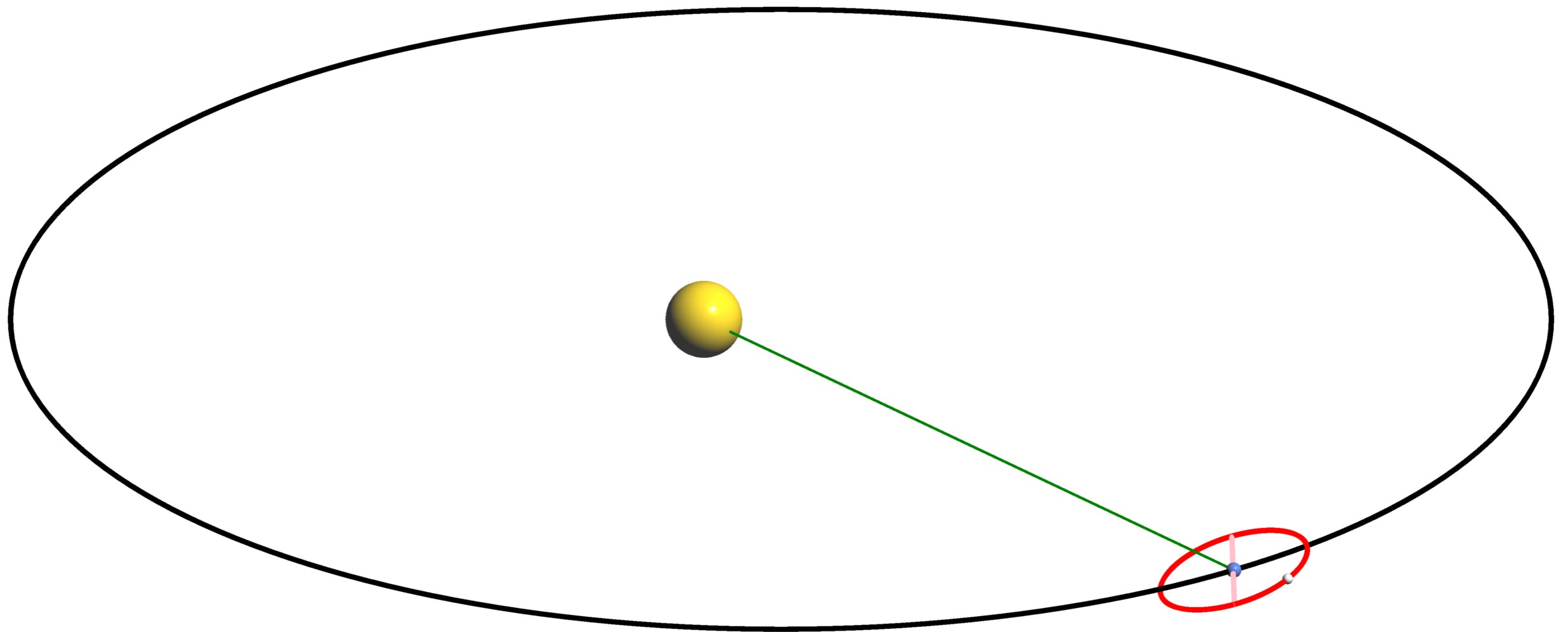
D. F. Mansfield, *Historia Mathematica* **44**, 395 (2017)

Aritmética

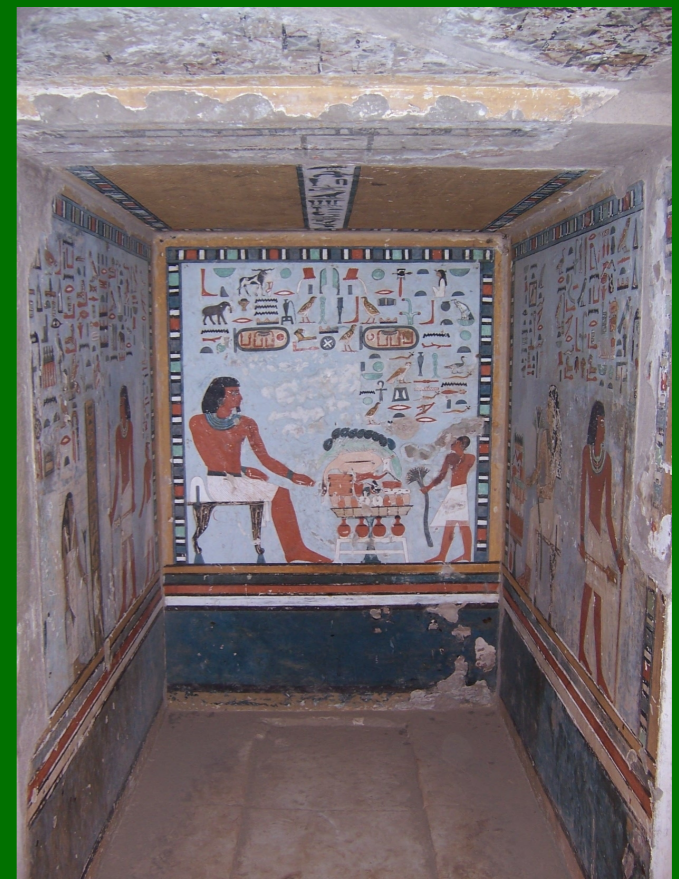
$$\frac{1968}{16} = ?$$

$$\frac{1968}{17} = ?$$

Astronomia



Egitto



Mar Mediterrâneo



Egito

Arte



Arte

1810-1700AC










Arte








1390-1353 AC



Matemática

						
1	10	100	1000	10000	100000	10^6
Egyptian numeral hieroglyphs						

Matemática

						
1	10	100	10000	100000	1000000	10^6

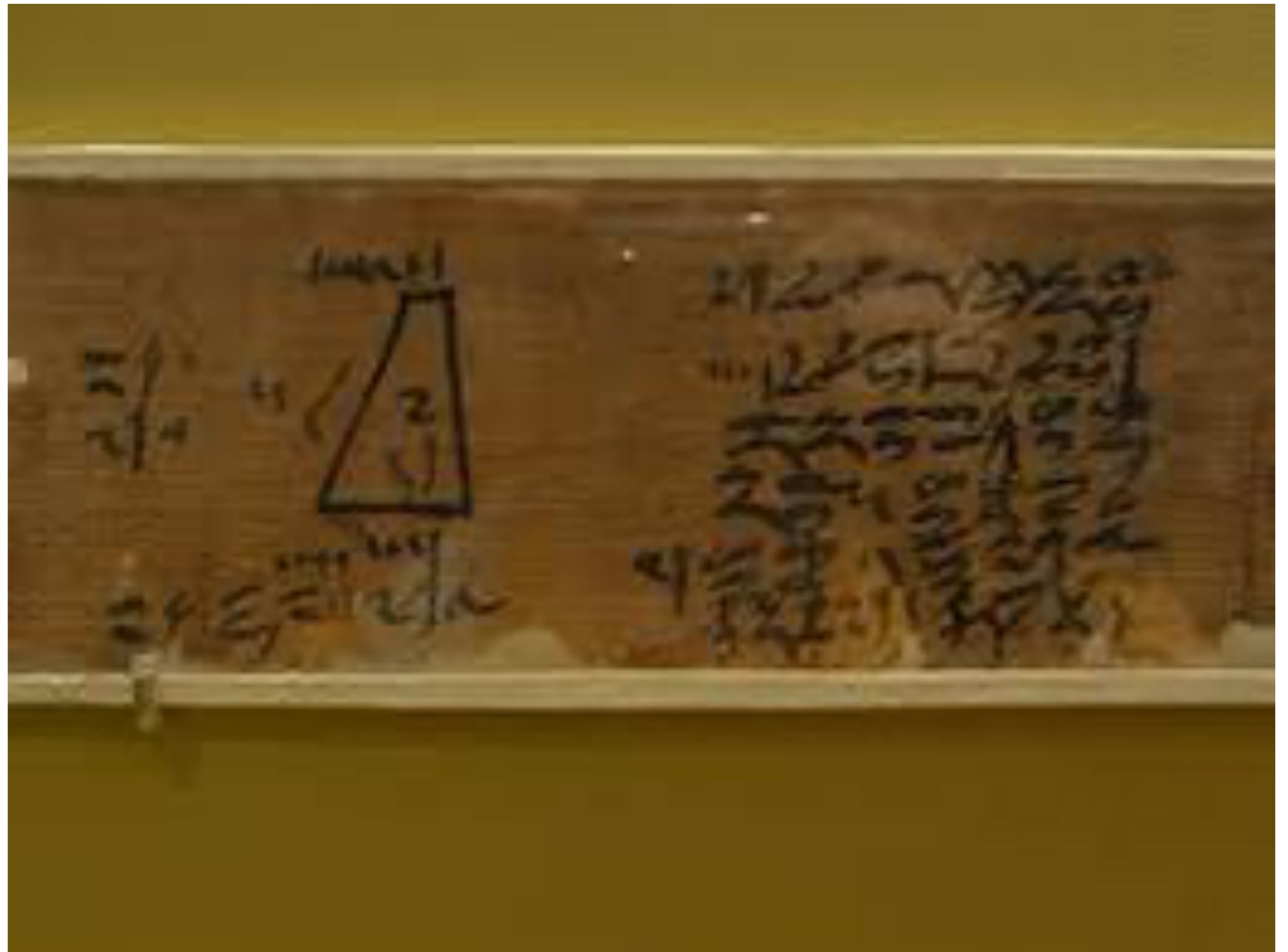


Aritmética

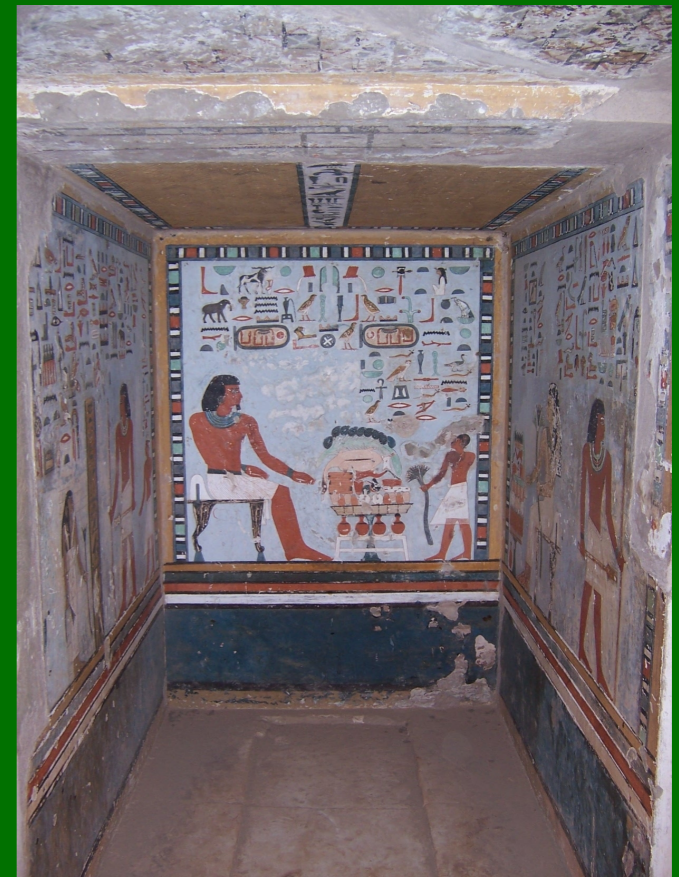
$$1968 \times 17 = ?$$

$$\frac{1968}{17} = ?$$

Geometria



Grécia





Evolução científica

Vários aspectos

