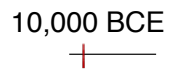


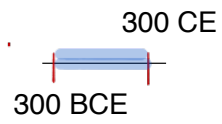
A Very Basic Timeline of Math

10,000 BCE



A horizontal line with a red tick mark at the left end, representing the period from 10,000 BCE to 300 BCE.

300 CE



A blue horizontal bar with red tick marks at both ends, representing the period from 300 BCE to 300 CE.

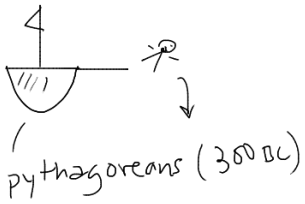
1500

1900

2025



A horizontal line with red tick marks at 1500, 1900, and 2025. A red bar covers the period from 1500 to 1900, and a green bar covers the period from 1900 to 2025.



ratio of whole #'s	
$\frac{3}{4}$	$\frac{317}{541}$

$\sqrt{2}$ is not ratio of two whole #'s ($\sqrt{2}$ is not rational)

to prove this need:

Assume: $\sqrt{2} = \frac{a}{b}$ and $a, b \in \mathbb{Z}$ integers
 "in the set"
 $\frac{a}{b}$ is a reduced fraction
no common factors

② Any odd # can be written as $2k + 1$ w/ $k \in \mathbb{N}$

$$7 = 2(3) + 1$$

$$3 = 2(1) + 1$$

$$9 = 2(4) + 1$$

③ work out: odd x odd = _____

④ If a square is even, i.e., n^2 is even then n is even