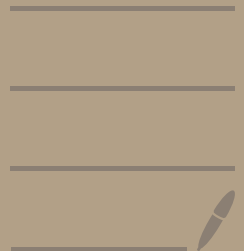


L4 - 14/08/2024



Etymology

- Mathematics - Greek
'that which is learnt'
- गणित - From गणः
grouping/classification
OR
enumerate/count

History of Mathematics

Study of the evolution of Mathematics starting from its origin to its current state with reference to cultural, social & economic background.

Benefits of studying its History

1. Sheds light on the intersection with other human endeavours. This can nurture Mathematics.

2. Help answer questions like -

- What are the ideal condⁿs for the study of Math?
- How can Math contribute best to humanity?

3. Appreciate contributions to Math by cultures & civilizations across the world.

Hence, neutralize biases & stereotypes

4. Provides insight into Math through the context in which these devp. took place.

eg - Pythagoras thm & Calculus were discovered by diff. cultures.

5. Studying lives of Mathematicians,
guides us in our own practice.