

Week #4 : Integrals - Foundations

Goals:

- Use the definite integral to model and find a solution to a posed area- or accumulation-related problem.
- Scale and add definite integrals, describe the meaning of integral bounds and how to apply them.
- Recognize an anti-derivative of a function.
- Apply the theory of the Fundamental Theorem of Calculus to evaluate simple integrals.
- Distinguish between definite and indefinite integrals and their meaning.