

Enduring Understandings	Learning Objectives	Essential Knowledge
(Students will understand that...)	(Students will be able to...)	(Students will know that...)
EU 1.1: The concept a limit can be used to understand the behavior of functions.	LO 1.1C: Determine limits of functions.	EK 1.1C3: Limits of indeterminate forms $\frac{0}{0}$ and $\frac{\infty}{\infty}$ can be evaluated using L'Hospital's Rule.
EU 3.2: The definite integral of a function over an interval is the Riemann sum over that interval and can be calculated using a variety of strategies.	LO 3.2D: (BC) Evaluate an improper integral or show that an improper integral diverges.	<p>EK 3.2D1: (BC) An improper integral is an integral that has one or both limits infinite or has an integrand that is unbounded in the interval of integration.</p> <p>EK 3.2D2: (BC) Improper integrals can be determined using limits of definite integrals.</p>