**Unit Exam:**

* 1. How does Anti-differentiation relate to Differentiation?

A: Anti-differentiation is the opposite function of differentiation

* 1. Solve the following indefinite integral

 

A: 

* 1. Evaluate the definite integral



 A: 0

* 1. Evaluate the definite integral



 A: 

* 1. Solve the definite integral using U Substitution



 A: 

* 1. Find the anti-derivative of this function



 A: 

* 1. What is the area between the curve y= x2 – 4 and the x-axis?

A: 

* 1. Integrate  (2x)(cosx)dx using integration by parts.

A: 