**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

Description: int(8x^8 -6) dx

A: http://www3.wolframalpha.com/Calculate/MSP/MSP21611a17a7he0fgh901i00000ca51h5843c1d355?MSPStoreType=image/gif&s=15&w=256&h=39

* 1. Evaluate the definite integral

Description: http://media.wiley.com/Lux/29/39729.ngr057.gif

A: 0

* 1. Evaluate the definite integral

Description: http://media.wiley.com/Lux/41/39741.ngr069.gif

A: http://www3.wolframalpha.com/Calculate/MSP/MSP55711a17a0i6g1760h1e000043ec730f8cf60500?MSPStoreType=image/gif&s=45&w=111&h=36

* 1. Solve the definite integral using U Substitution

Description: int,

A: http://www3.wolframalpha.com/Calculate/MSP/MSP15081a17a98623a464f900004a879g4ee64a4f47?MSPStoreType=image/gif&s=26&w=159&h=39

* 1. Find the anti-derivative of this function

Description: http://www2.bc.cc.ca.us/resperic/Math6A/Lectures/ch5/1/Lec5.1eq2.gif

A: http://www4a.wolframalpha.com/Calculate/MSP/MSP13081a17a9fg61ge9bh800005ed1f47fgc3dc9d7?MSPStoreType=image/gif&s=10&w=232&h=43

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

A: http://www4a.wolframalpha.com/Calculate/MSP/MSP3071a17ab7eh54f6i3c00003i39e0ecfe325042?MSPStoreType=image/gif&s=30&w=205&h=36

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

A: 