

Week's Objectives, Deadlines, etc

Mon NO SCHOOL: Martin Luther King Day

Tues Objective:

- Calculate the derivative of $y = e^x$
- Calculate the derivative of $y = e^u$
- Calculate the derivative of $y = a^u$

Work: Sect 3.9: 1 - 14

Wed Objective:

- Calculate the derivative of $y = \ln x$
- Calculate the derivative of $y = \ln u$
- Calculate the derivative of $y = \log_a u$

Work: Sect 3.9: 15-28

Thu Objective:

- Use derivatives to solve rate of change problems.

Work: Worksheet

Fri Objective:

- Use logarithmic differentiation to solve problems such as $y = x^x$

Work: Worksheet