

Math 8
Fall 2019

Preliminary Homework
Assigned Monday, November 11

Note: Preliminary homework is always graded credit or no credit. **You get full credit for completing the assignment, whether or not your answers are correct.** The purpose of preliminary homework is to start you thinking about the topic of the next class.

You may use your preliminary homework in activities with your classmates. You should be sure to think about these questions so you will be prepared.

Preliminary homework is always due at the *beginning* of class.

Assignment: Find all points where the graph of the function

$$f(x, y) = 3x - x^3 - 2y^2 + y^4$$

has a horizontal tangent plane.