Take a look under the Handout Tab on PolyLearn for an example of what we are looking for here. The idea is to give a Student Study Guide for each problem that could be used by someone in a Calculus III course. By way of explanation, a mere solutions manual would just give the answer, or perhaps give the answer with some details describing the method. A Student Study Guide, on the other hand, is more about how to solve a problem then it is about the solution itself. Thus the guide walks the reader through each problem, giving details, motivating, and explaining at each step. In the end, your writeup should be more than just an answer for which you show your work. You can aim the level of your exposition (roughly) at someone who is in Calculus III with us, but finds themselves somewhat confused. We use these assignments to practice our mathematical communication skills as well as our problem solving skills.

1. Write up the student study guide solution to 10.1.68.

2. Write up the student study guide solution to 10.1.120.