In this talk, I will reflect upon my experience using a combination of both online and written assignments in my Calculus Ia and II classes. In both classes, I assigned online homework sets daily for students to practice computations and receive immediate feedback. In addition, I gave students weekly written “reflection” homeworks to answer thought-provoking questions that required more creativity in their solutions. I will describe my students’ and my own perspectives in assigning and completing these joint homework sets, and in doing so, what changes I plan to make in future semesters. (Received September 20, 2016)