

1145-E1-2361 **N. Paul Schembari*** (schembari@esu.edu), ESU Mathematics Department, 200 Prospect Street, East Stroudsburg, PA 18301. *Student Impressions of Online Mathematics Homework*. Preliminary report.

Our goal is to determine the effectiveness of online mathematics homework (OMHW) provided by a large publishing company in undergraduate mathematics classes, especially in comparison to traditional printed homework. To help answer this question, we will report the results of surveys taken in the Fall 2018 semester to gauge student impressions of the OMHW. The students are currently enrolled in a public comprehensive university and are either taking mathematics for general education or as a major requirement. The courses range from General Statistics, College Algebra, and up to Calculus. The students were asked for general information such as the reasons for taking the class, and whether or not they viewed themselves as hard-working. Then the OMHW was evaluated by the students, in terms of how often it was assigned, the time spent working on it, and its value as preparation for class or exams. We also asked whether or not the OMHW provided valuable feedback, whether or not it was worth the price paid, and compared OMHW to traditional printed homework. These comparisons asked the students if they prefer OMHW, if they learn more from OMHW, and which they felt was better overall. Finally, the students were asked if they believe our courses should continue to use OMHW. (Received September 25, 2018)