This study focuses on exploring the effect of using MathXL on online students’ performance in college algebra classes. MathXL is an innovative series of text-specific online courses that is available for Pearson textbooks in mathematics and statistics. Two groups will be considered in this study. The first group is assigned the work through MathXL while the second group is assigned the work through the traditional way and by using blackboard. This article is divided into two parts, which describe the difference between the two groups, and compares students’ performance. (Received September 17, 2011)