**Hypothesis Testing**

A teacher would like to use a new tutorial to teach the students about trade.  As an experiment he randomly selected 18 students and randomly assigned them to one of three groups which include either a PowerPoint presentation created by the faculty, X Presentation created by the faculty, or a well-known tutorial by the Geenes Company.  After completing their assigned tutorial, the students are given a trade test.  At the .01 significance level, can she conclude that there is a difference between how well the different tutorials work for the students?

  Below are the student’s grades on the trade test after the tutorial:

|  |  |  |
| --- | --- | --- |
| **PowerPoint Tutorial**  | **Geenes Tutorial**  | **ABC Tutorial**  |
| 98  | 79  | 66  |
| 94  | 76  | 78  |
| 91  | 75  | 79  |
| 88  | 83  | 96  |
| 98  | 91  | 97  |
| 91  | 89  |    |
| 90  |    |    |