**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 |  |  |