Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Due:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Activity 11-5**

1. A oneway independent measures ANOVA revealed that studying method had a significant effect on test scores, *F* (\_\_\_\_\_, \_\_\_\_\_) = \_\_\_\_\_\_\_\_\_, p < .001, MSE = \_\_\_\_\_\_, = \_\_\_\_\_\_\_.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  |  | 95% Confidence Intervals | |
|  | Mean | Standard Deviation | Lower Bound | Upper Bound |
| 1. Studied the material twice |  |  |  |  |
| 1. Closed book test with feedback |  |  |  |  |
| 1. Closed book test without feedback |  |  |  |  |
| 1. Open book test |  |  |  |  |

1. Add the 95% CIs to the above table.

|  |  |
| --- | --- |
|  | Significant? |
| Closed book test without feedback vs Study twice | Yes No |
| Closed book test with feedback vs Study twice | Yes No |
| Open book test vs Study twice | Yes No |
| Closed book test with feedback vs Closed book test without feedback | Yes No |
| Open book test vs Closed book test without feedback | Yes No |
| Open book test vs Closed book test with feedback | Yes No |

|  |  |  |  |
| --- | --- | --- | --- |
|  |  | 95% Confidence Interval for Mean Difference | |
|  | Mean Difference | Lower Bound | Upper Bound |
| Closed book test without feedback vs Study twice |  |  |  |
| Closed book test with feedback vs Study twice |  |  |  |
| Open book test vs Study twice |  |  |  |
| Closed book test with feedback vs Closed book test without feedback |  |  |  |
| Open book test vs Closed book test without feedback |  |  |  |
| Open book test vs Closed book test with feedback |  |  |  |

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_

|  |  |  |  |
| --- | --- | --- | --- |
|  | Mean difference | Pooled variance ( | *d* |
| Open book test vs Closed book test without feedback |  |  |  |
| Open book test vs Closed book test with feedback |  |  |  |