

MTH 3210 Lab 4 **Answer Sheet**

Due Thu., May 2

1 Part A

1.1 Change in Blood Pressure Data Set (Cont'd from Lab 3)

1. NA
2. Give the following values and answer the questions:

The test statistic $t =$ _____

The p-value = _____

Using the decision rule

Reject H_0 if p-value < 0.05

Fail to reject H_0 if p-value ≥ 0.05 .

State the **conclusion** in terms of whether or not you reject H_0 .

Based on the result of the hypothesis test, is there statistically significant evidence that calcium reduces blood pressure (Yes/No) _____