James Hahn
STAT1221
Homework #1
MINITAB Results

16)

Two-Sample T-Test and CI: C1, C2

Method

μ_1: mean of C1

μ_2: mean of C2

Difference: $\mu_1 - \mu_2$

Equal variances are assumed for this analysis.

Descriptive Statistics

Sample	N	Mean	StDev	SE Mean
C1	7	140.4	15.4	5.8
C2	6	143.0	16.6	6.8

Estimation for Difference

Difference	Pooled StDev	95% CI for Difference
-2.57	15.98	(-22.13, 16.99)

Test

Null hypothesis $H_0: \mu_1 - \mu_2 = 0$

Alternative hypothesis $H_1: \mu_1 - \mu_2 \neq 0$

T-Value	DF	P-Value
-0.29	11	0.778