Diet	Wtloss
A	3,709
A	7,087
A	6,754
A	8,994
A	9,077
A	6,413
A	5,877
A	2,572
A	7,520
A	6,881
A	7,265
A	3,477
A	3,755
A	8,760
A	7,032
A	9,052
A	10,062
A	4,840
A	6,449
A	9,019
A	-1,715
A	4,718
A	4,007
A	7,241
A	2,128
A	6,968
A	4,853
A	0,055
A	2,680
A	3,746
A	7,033
A	5,033
A	5,569
A	6,712
A	3,663
A	2,741
A	6,256
A	5,349
A	7,300
A	5,445
A	4,970
A	3,613
A	7,568
A	5,861
A	4,157
A	0,203
A	4,441
A	5,875
A	5,715
A	0,280
B	-1,087
B	1,819
B	0,074
B	1,755
B	1,889

Diet A	**n**	50
	Mean	5,341
	SD	2,536
Diet B	**n**	50
	Mean	3,710
	SD	2,769

B	3,089
B	4,008
B	4,551
B	1,372
B	3,413
B	-4,148
B	2,823
B	2,865
B	4,369
B	6,337
B	6,308
B	3,494
B	10,539
B	3,840
B	5,123
B	5,485
B	-1,894
B	8,016
B	2,310
B	3,882
B	7,030
B	7,727
B	0,105
B	3,650
B	4,547
B	4,985
B	5,159
B	4,760
B	4,934
B	3,106
B	5,598
B	2,162
B	6,520
B	7,046
B	1,757
B	1,848
B	1,096
B	2,145
B	8,435
B	6,099
B	3,972
B	2,409
B	0,569
B	7,013
B	2,594

F-Test Two-Sample for Variances

	Variable 1	*Variable 2*
Mean	5,3412	3,70996
Variance	6,429280612	7,66759359
Observations	50	50
df	49	49
F	0,838500442	
P(F<=f) one-tail	0,269951478	
F Critical one-tail	0,622165468	

p2 0,539902956

t-Test: Two-Sample Assuming Equal Variances

	Variable 1	*Variable 2*
Mean	5,3412	3,70996
Variance	6,429280612	7,66759359
Observations	50	50
Pooled Variance	7,048437101	
Hypothesized Mean Difference	0	
df	98	
t Stat	3,072143179	
P(T<=t) one-tail	0,001375772	
t Critical one-tail	1,660551217	
P(T<=t) two-tail	0,002751544	
t Critical two-tail	1,984467455	

Differance in Means 1,63124