

## VassarStats Printable Report t-Test for Independent Samples

Thu Nov 20 06:46:43 EST 2003

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### Values entered:

count	$X_a$	$X_b$
1	107	109
2	96	94
3	88	127
4	131	76
5	109	115
6	84	121
7	79	87
8	105	92
9	108	91
10	92	98
11	96	104
12	101	96
13		110
14		108

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### Summary Values

Values	$X_a$	$X_b$
n	12	14
sum	1196	1428
mean	99.6667	102
sumsq	121318	148202
SS	2116.6667	2546

<b>variance</b>	192.4242	195.8462
<b>st. dev.</b>	13.8717	13.9945

Variances and standard deviations are calculated with denominator =  $n-1$ .

<b>Mean<sub>A</sub> - Mean<sub>B</sub></b>	<b>t</b>	<b>df</b>
-2.3333	-0.4255	24
<b>P</b>	<b>one-tailed</b>	0.33712
	<b>two-tailed</b>	0.674240