

## Descriptive Statistics Worksheet

Sample #	$x_1$ Measurement	$x_2$ Measurement	Squared Difference $(x_i - \bar{x}_1)^2$	Squared Difference $(x_i - \bar{x}_2)^2$
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
Mean ( $\bar{x}$ )	$\bar{x}_1 =$	$\bar{x}_2 =$		
Sum of Squares ( $SS$ ) = $\sum (x_i - \bar{x}_1)^2$			$SS_1 =$	$SS_2 =$
Variance ( $s^2$ ) = $\frac{\sum(x_i - \bar{x})^2}{(n - 1)}$			$s_1^2 =$	$s_2^2 =$
Standard deviation $s = \sqrt{\frac{\sum(x_i - \bar{x})^2}{(n - 1)}}$			$s_1 =$	$s_2 =$
Standard error of the mean $SE_{\bar{x}} = \frac{s}{\sqrt{n}}$			$SE_{\bar{x}} =$	$SE_{\bar{x}} =$
95% CI = $\frac{2s}{\sqrt{n}}$			95% CI =	95% CI =