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				
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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 (n > 20) = $\frac{2s}{\sqrt{n}}$			95% CI =	95% CI =