

Mathematician \_\_\_\_\_

*Thurs + Friday*  
~~Wednesday~~ **November 8** **Statistics 5<sup>th</sup> hour**  
*+ 9*

Directions: Complete these problems by circling your answer and showing your work or the key sequence you typed into the calculator in the boxes below and turn in before you leave today!

<p>1. The math test scores of 5 students are: 92, 88, 80, 68 and 52. Find the standard deviation.</p>	<p>2. A different math class took the same test with these five test scores: 92, 92, 92, 52, 52. Find the standard deviation.</p>
<p>3. Analyzing the data: What is the mean for each of the classes? What is the standard deviation for each class? What does this tell us?</p>	
<p>Page 92-94 Problem 2</p>	<p>Page 92-94 Problem 4</p>

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Page 92-94 Problem 15

Page 92-94 Problem 16

Describe a situation where you would use sampling to gather information about Dearborn High Students.

Describe a situation where you would use census to gather information about ALL Dearborn High Students.