CURRENTLY MEETING 7:00 AM FRIDAYS AT COUNTRY KITCHEN, HWY 151, PLATTEVILLE, WI

## Friday, July 24, 2015

**Attendance:** Twenty-five members attended today's meeting, but a count of who wore their Optimist shirt was not taken.

**Mystery Greeter:** Steve Lane greeted Kevin Haertzen.

**Joker Draw:** Gary Engelke drew the Queen of Hearts in the Joker Draw for \$2; Bob Weier won a liter bottle of Sierra Mist.

## **Business Meeting:**

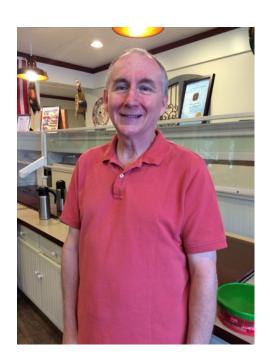
- Gary presented Maxine with an award pin noting the addition of 5 New Members to our club. Way to go, Max!
- Maxine presented two framed certificates to Tom Siegwarth, our newest "Friend Of Optimist". He will display them at Country Kitchen and Dairy Queen.
- We still need a 2<sup>nd</sup> VP
- Shirt orders are being taken now Maxine will submit the order on Monday.
- Installation/Awards Banquet, Sunday, September 27th
- Maxine gave us an update on Party In The Park. Ken Kamps was awarded Optimist Volunteer of the Year. Maxine read the presentation award speech to the group.

## **Program:**

Maxine introduced today's speaker, Kevin Haertzen, who has his Doctorate in Math and is a professor at UWP. Kevin spoke to us about his experiences in grading Advanced Placement (AP) Calculus exams, which he has done for many years.

AP exams are typically taken in May by high school students who have completed the related AP course work during the school year. Generally juniors and seniors take these tests, but occasionally younger students will also participate. There are almost three dozen subjects in which students can be tested, including two levels of AP Calculus.

Kevin went through one of the problems/questions that may appear on the exam with the answers that the students needed to arrive at. Work needs to be shown to display how they come up with variables. Then they use calculators to arrive at the solution. Most problems are functions. Once you put in a number, there is only one possible outcome. Also, once you have one variable, you can solve for the second one.



Each question on the exam is worth 9 points. This is where the students must show their work and how they arrive at a solution. The students also need to know how to input the values into their calculators in order to arrive at the correct answer. Kevin provided a handout showing how a student works a problem to eventually arrive at values that can be used in the calculator.

Questions followed with Kevin filling in the gaps where needed.

Minutes taken and submitted by Eileen Engelke; edited for "Rooster Call" by Charlie Clark.

