

# Calculus Challenge Problem #7

There were six very nice solutions to Challenge #7. Most of the mistakes were simple ones, forgetting the scale that was being used, putting decimals in the wrong place. There were several calculator or computer errors, in the sense that the integral being defined was correct, but the value that came out was off from the correct value by a lot. It is expected that different approximation methods will give different results, but they were often sufficiently far off that it suggests an error when inputting the function.

## Results to Date:

| School                               | Teacher               | Score | Cumulative Score |
|--------------------------------------|-----------------------|-------|------------------|
| Blessed Trinity Catholic High School | Amy Muller            |       | 6.5              |
| Convent of the Sacred Heart          | Kyle Greene           |       | 3                |
| Cony High School                     | Joshua Poulin         |       | 3.5              |
| Farmingham High School               | Christina Lepi        | 4     | 19               |
| Hickman High School                  | Deanna Wasman         | 4     | 32               |
| La Habra High School                 | Barbara De Roes       | 4     | 33.5             |
| Lakota West High School              | Brian Meeron          |       | 3                |
| Salem Academy                        | Kris Porazzi Sorrells |       | 8.5              |
| Ukarumpa International School        | Scott Carey           |       | 4                |
| Washington High School               | Toby McMahon          | 3.5   | 17 (corrected)   |
| Westminster School Team A            | Nurfatimah Merchant   | 5     | 10               |
| Westminster School Team B            | Nurfatimah Merchant   | 3.5   | 8                |