BC Unit 2 More Differential Equations

|  |  |  |
| --- | --- | --- |
|  | Topic | Assignments |
| Day 1Wed 2/8 | Slope Fields and Differential Equations | Copied p.378 #55-65odd, 87-93 odd |
| Day 2Thurs 2/9 | Euler’s Method | Copied p.356 #15,16 |
| Day 3Fri 2/10Early Release | QuizSection 6.6 Newton’s Law of Cooling | p.369 #1,3,11-17odd,25,27,29-32 all |
| Day 4Mon 2/13 | Logistic Growth | Logistic Diff. Eqn. Worksheet |
| Day 5Tues 2/14 | Review | Review Worksheet |
| Day 6Wed 2/15 | AP Style Test | Problem Set  |

**Calculus Valentine's Day poem**

You pull my heart strings at a constant rate.
The three words I want to tell you, I cannot wait.
My love for you is not a partial fraction,
But rather, a whole lot of attraction.
In my heart, video games make their revolution.
I love them, but I’d rather have a u-substitution.
In this short life, my love for you is exponential.
The time I have now, I will use its max potential
To work for you who I truly desire.
Make no error, your love, I will acquire.