**IB Math HL1**

**Applications of Integration Assignments (Chapter 22)**

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| Date | Topic | Assignment | Stamp for Completion | Stamp for Incompletion |
| Tues 3/5 | Area bounded by two curves. (Vertical representative rectangles) | P 674 #2 h,I #3, #4, 5, 6 |  |  |
| Wed 3/6 | Area between two curves.(Horizontal representative rectangles)  | P 678 #2- #5 all p 679 #8, #13, #14P 680 #16 |  |  |
| Thu 3/7 | P 681 Kinematics | P 683 #2, p685 #1, #2, p 687 #8 |  |  |
| Fri 3/8 | Exit Slip #1 | P697 22A #1-#8 |  |  |
| Mon 3/11 | **Quiz** (30 minutes) | IB Questions of Kinematics. (We will go over this on the review day) |  |  |
| Tue 3/12 | P690 Solids of Revolution: Lemon labAbout X-axis (disks) | p 692 #1 odds, #2, #3 |  |  |
|  Wed 3/13 | P690 Solids of RevolutionAbout y-axis (disks) |  P693 #8 odds, p 694 #10 a, c, e#11 |  |  |
| Thurs 3/14 | P 695 Solids of revolutionAbout x-axis (Washers) | P 695 #1, p 696 #2, #3, #4, P699 #1, #3, #4, p 700 #6, p 702 #9 and #10 |  |  |
| Fri. 3/15 | More SolidRevolution with different axis (disks and Washers) |  More Practice WS |  |  |
| Mon 3/18 | IB Questions | Review: P 697 #1-#3, p 698 #8, #9, 14,  |  |  |
| Tues 3/19 | Exit Slip #2 | Review worksheet |  |  |
| Wed 3/20 | Review in Class |  |  |  |
| Thurs 3/21 | Chapter 22 Exam |  |  |  |