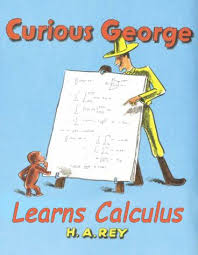
Unit 1 More Applications of Integrals

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|  | Topic | Assignments |
| Day 1  Wed 1/25 | 7.1 and 7.2  Review Area and Volume | Problem Set |
| Day 2  Thurs 1/26 | 7.3 Shell Method for Volume | p.427 #7-21 odd |
| Day 3  Fri 1/27 | 7.4 Arc Length and Surface Area | p.436 #3,5,6,23-30 |
| Day 4  Mon 1/30 | Quiz |  |
| Day 5  Tues 1/31 | 8.7 Indeterminate Limit forms | p.526 #1-19 odd,27-33 odd |
| Day 6  Wed 2/1 | 8.7 More indeterminate Limit forms | p.526 #21-25 all, #49-53 odd |
| Day 7  Thurs 2/2 | 8.8 Improper Integrals | p.536 #1-27 odd, 31 |
| Day 8  Fri 2/3 | Direct Comparison test for convergence | Copied p.442 #27-45odd,49 omit #39 Finney Calculus book |
| Day 9  Mon 2/6 | Review | p. 463 #19,20,41,42,48,49  p.539 #47-55 odd,57,58  p.536 #4,37-45 odd |
| Day 10  Tues 2/7 | Test | Problem Set due Wed |

[](http://www.google.com/imgres?start=242&sa=X&rls=com.microsoft:en-us:IE-SearchBox&biw=1280&bih=843&tbm=isch&tbnid=S9cJ2T8dyMe01M:&imgrefurl=http://fuckyeahcalculus.tumblr.com/&docid=R5NABPsApUZY0M&imgurl=http://25.media.tumblr.com/tumblr_m5mto6802M1qk3kdro1_400.jpg&w=368&h=475&ei=rfzWUpKzMYmkkQf0soDYCg&zoom=1&iact=rc&dur=1922&page=11&ndsp=27&ved=0CMUBEK0DMEA4yAE)