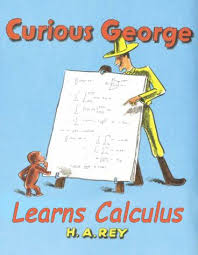
Unit 1 More Applications of Integrals

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|  | Topic | Assignments |
| Day 1  Tues 1/22 | 6.1 and 6.2  Review Area and Volume | Problem Set |
| Day 2  Wed 1/23 | 6.3 Shell Method for Volume | pp.434-435 #7 – 13 odd, 19 – 25 odd, 33 |
| Day 3  Thurs 1/24 | 6.4 Arc Length and Surface Area | p.444 #5,7,9,35 – 43 odd |
| Day 4  Fri 1/25 | Quiz | Khan Academy assignment |
| Day 5  Mon 1/28 | 7.7 Indeterminate Limit forms | p.511 #7 – 39 every other odd,  44, 46, 58, 60, 79 |
| Day 6  Tues 1/29 | 7.7 More indeterminate Limit forms | p.511 #47 – 56 all, 81, 82 |
| Day 7  Wed 1/30 | 7.8 Improper Integrals | p.522 #1, 5, 9, 23, 27, 31, 35, 39, 45 |
| Day 8  Thurs 1/31 | Direct Comparison test for convergence | Gabriel’s Horn Worksheet  p. 523 #57 – 62 |
| Day 9  Fri 2/1 | Review | p. 448 # 23, 24, 35, 36, 42, 43  p.522 #11, 17, 19, 37  p.527 #67,69 - 75 odd, 77 – 83 odd |
| Day 10  Mon 2/4 | Test | Problem Set |

[](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)