**Chapter 5: The Definite Integral** Name_____

Assignment Sheet period 2 3 4 5

| Assn | Topic | HW | Qty |
|---|---|---|---|
| Day 84<br>Tue<br>23 Jan | **§5.1 How do we measure Distance Traveled? p. 272**<br>**§7.5 Numerical Methods for Definite Integrals p. 387**<br><br>Notes pp 1-2-3-4 | pp 277-281 # 1,4,6,22<br>pp 392-395 #3,8,9,16-18,25 | 11 A |
| Day 85<br>Wed<br>24 Jan | **§5.2 The Definite Integral p. 281**<br><br>Notes pp 5-6-7-8 | pp 286 – 289<br>#9,13-15,19,25,28-30,32 | 9 B |
| Day 86<br>Thu<br>25 Jan | **§5.3 The Fundamental Theorem and Interpretations p. 289**<br><br>Notes pp 9,16,19,20 | pp 294-298<br>#1-6,19,21,23,24,26 | 13 C |
| Day 87<br>Fri<br>26 Jan | **§5.4 Theorems about Definite Integrals p. 298**<br><br>Notes pp 21-22-23 | pp 305-309<br>#1-6,22,23,24,26-28,29,31 | 14 D |
| Day 88<br>Mon<br>29 Jan | **§5.4 Area between Curves**<br>**Calculator:** fnInt(function, variable, lowerX, upperX)<br><br>Notes pp 14,24 | pp 306 #13-20<br>Ch. 5 Review FRQ #1-9 | 8 F<br>9 J |
| Day 89<br>Tue<br>30 Jan | **Ch 5 Review p. 309**<br><br>**QUIZ** Ch §5.1-§5.3 | pp 309 -315<br>#5,7,17,23, 32-36,53 | 10 E |
| Day 90<br>Wed<br>31 Jan | **§5.4 Average Value of a Function**<br><br>Notes Average Value Lab pp 10-11-12-13 | pp 305 # 7,10-12,21,25,30,34 | 8 G |
| Day 91<br>Thu<br>1 Feb | **AP Problems** – in class<br>FRQ #2 two runners graph & function<br>FRQ #2 temperature table<br>Notes pp 15 (def integral & avg value), 25 | Ch. 5 Review MC #1-21 | 21 K |
| Day 92<br>Fri<br>2 Feb | **AP Problems** – in class<br>FRQ #3 traveling car graph<br>FRQ #3 traveling car table | Finish any unfinished HW | |
| Day 93<br>Mon<br>5 Feb | **AP Problem** – in class FRQ #2 concert tickets<br>Wrap up Ch 5 / Possibly begin CH 6 Notes | | |
| Day 94<br>Tue<br>6 Feb | **Test Ch 5 – The Definite Integral** | | |
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