**Exercise Sheet**

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| 5.1 | 1,6,7,9,12,14,15,16,18,20,23,24,26,27,28,29,30,31,32,33,34,35,38,39,42,43,44,45,46,47,48 |
| 5.2 | 3,8,13,15,20,21,22,23,26,28,30,31,33,34,35,37,38,39,40,41,42,43,44,45,46,47,48. |
| 5.3 | 1,5,6,7,9,11,15,17,31,32. Solve 31 & 32 using limit of Riemann sum and right and left endpoints. |
| 5.4 | 5,7,10,17,18,19,20,21,22,28,30,31,34,35,36 |
| 5.5 | 5,9,10,13,15,17,20,23,27,28,30 |
| 5.6 | 9,12,16,17,18,22,24,26,29,32,33,35,36,37,40,41,42,43,44,54,56 |
| 5.7 | 1,6,8,9,10,11 |
| 6.1 | 6,10,11,12,13,27,29,30,32,35 |
| 6.2 | 6,7,13,15,21,23 |
| 6.3 | 7,9,12,18,28,30 |
| 6.5 | 5,7,9,30,32 |
| 7.2 | 4,6,12,16,18,20,35,40,44 |
| 7.3 | 4,8,11,16,18,20,22,24,30,32 |
| 7.4 | 3,6,8,9,13,16,18,19,22,26,30,33,36,37 |
| 7.5 | 4,6,12,14,16,17,28,32,34,36,40,43,44 |
| 8.2 | 1, 4, 10, 13, 15, 24, 29, 31, 34,37, 38, 41, 43 |
| 8.3 | 3, 6, 7, 8, 10, 15, 20, 24, 28, 29, 31, 32, 34, 35, 36, 37, 39, 42, 43, 44. |
| 8.4 | 4, 6, 8, 10, 11, 13, 15, 18, 19, 20, 21, 22, 23, 24, 25 |
| 9.1 | 4, 6, 7, 11, 13, 14, 16, 17, 19, 22, 24, 39, 42, 43 |
| 9.2 | 1, 2, 3, 6, 9, 10, 11, 12, 13, 16, 17, 21, 25, 27, 29 |
| 9.3 | 1, 3, 4, 5, 6, 7, 9, 11, 12, 19, 21, 22 |
| 9.4 |  1, 2, 9, 13, 14, 16, 19, 25 |
| 9.5 | 1, 3, 5, 7, 9, 15, 17 |
| 9.6 | 1, 5, 7, 19, 21, 24 |
| 10.3 | 2,3,6,10,13,14,15,17,19,21,24 |
| 10.4 | 1,4,5,6,8,9,11,14,16,18,21,22,25,27,30 |
| 13.1 | 1,4,6,7,10,17,21,23,25,27 |
| 13.3 | 1,3,5,6,9,10,27,28,30,33,37,41,46 |
| 13.4 | 1,3,4,5,18 |