Chapter 5: Integration

5.6: Substitution and Area Between Curves
  15-47 odd , 49 , 51 , 55 , 57 , 61 , 65 , 69 , 73 , 81 , 85 , 87 , 89 , 91 , 93 , 99 , 101 , 109 , 114 , 117

Chapter 6: Applications of Definite Integrals

6.1: Volumes Using Cross-Sections
  17 , 19 , 23 , 25 , 27 , 31 , 33 , 37 , 39 , 45 , 49 , 51 , 55 , 57 , 61 , 65
6.2: Volumes Using Cylindrical Shells
  1 , 5 , 9 , 13 , 15 , 17 , 19 , 25 , 27 , 39 , 41 , 43 , 47
6.3: Arc Length
  1 , 5 , 9 , 13 , 15 , 25 , 27 , 29 , 33 , 35
6.4: Area of Surfaces of Revolution
  13 , 15 , 17 , 19 , 21 , 25 , 29 , 31
6.5: Work and Fluid Force
  1 , 5 , 7 , 11 , 17 , 19 , 21 , 31 , 33 , 37 , 41 , 43 , 45 , 46 , 47 , 49

Chapter 8: Integration Techniques

8.2: Integration by Parts
  1 , 3 , 5 , 9 , 11 , 13 , 17 , 21 , 23 , 25 , 29 , 33 , 37 , 43 , 47 , 51 , 55 , 57 , 59 , 63 , 65
8.3: Trigonometric Integrals
  3 , 7 , 15 , 19 , 23 , 25 , 33 , 39 , 45 , 47 , 51 , 63 , 67 , 71
8.4: Trigonometric Substitutions
  1 , 3 , 5 , 7 , 9 , 11 , 13 , 15 , 23 , 31 , 53 , 55 , 58 , 62
8.5: Integration of Rational Functions by Partial Fractions
  9 , 11 , 13 , 15 , 17 , 19 , 21 , 23 , 25 , 33 , 37 , 57 , 61 , 63 , 73
4.5: Indeterminant Forms and L'Hopital's Rule
  3 , 13 , 15 , 19 , 23 , 27 , 29 , 31 , 35 , 41 , 49 , 51 , 53 , 59 , 63 , 65 , 67 , 79 , 85
8.8: Improper Integrals
  Part 1: 1 , 3 , 5 , 11 , 13 , 19 , 23 , 25 , 29 , 33
  Part 2: 51 , 53 , 55 , 57 , 59 , 61 , 65 , 67 , 73 , 81 , 82 , 85

Chapter 10: Infinite Sequences and Series

10.1: Sequences
  4 , 11 , 13 , 15 , 21 , 23 , 31 , 35 , 41 , 43 , 45 , 47 , 57 , 59 , 63 , 67 , 71 , 73 , 83 , 109 , 116 , 123
10.2: Infinite Series
  7 , 11 , 19 , 21 , 23 , 26 , 27 , 31 , 35 , 39 , 41 , 43 , 45 , 53 , 63 , 65 , 67 , 77 , 79 , 103 , 104
10.3: The Integral Test
  1 , 5 , 9 , 13 , 17 , 29 , 31 , 33 , 37 , 41 , 55 , 56 , 57 , 58 , 59 , 63
10.4: Comparison Tests
  17 , 19 , 23 , 25 , 27 , 35 , 37 , 39 , 49 , 53 , 58 , 60
10.5: The Ratio and Root Test
  17 , 19 , 23 , 25 , 31 , 35 , 37 , 41 , 47 , 49 , 55 , 67 , 69
10.6: Alternating Series, Absolute and Conditional Convergence
  1 , 3 , 7 , 11 , 15 , 23 , 27 , 29 , 33 , 41 , 47 , 49 , 50 , 51 , 53 , 54 , 55 , 57 , 59 , 63 , 71 , 96
10.7: Power Series
  3 , 5 , 7 , 11 , 13 , 15 , 17 , 23 , 29 , 31 , 37 , 39 , 41 , 55 , 57 , 61 , 64
10.8: Taylor and MacLauren Series
  1 , 3 , 5 , 7 , 9 , 11 , 13 , 15 , 25 , 29 , 31 , 35
10.9: Convergence of Taylor Series
  1 , 7 , 9 , 13 , 21 , 28 , 31 , 39 , 41 , 43 , 45 , 46 , 47 , 49
10.10: The Binomial Series and Applications of Taylor Series
  1 , 7 , 15 , 17 , 19 , 21 , 23 , 29 , 31 , 33 , 37 , 41 , 45 , 49 , 59 , 67 , 69

Chapter 11: Parametric Equations and Polar Coordinates

11.1: Parametrizations of Plane Curves
  1 , 3 , 5 , 7 , 9 , 11 , 15 , 17 , 19 , 21 , 23 , 25 , 27 , 29 , 31 , 32 , 33
11.2: Calculus with Parametric Curves
  1 , 5 , 7 , 9 , 13 , 17 , 21 , 23 , 25 , 27 , 29 , 31 , 33 , 41 , 47
11.3: Polar Coordinates
  1 , 7 , 11 , 15 , 19 , 23 , 27 , 29 , 31 , 33 , 39 , 43 , 51 , 55 , 57 , 59 , 59 , 65 , 67
11.4: Graphing in Polar Coordinates
  1 , 5 , 7 , 9 , 13 , 17 , 18 , 19 , 20 , 25 , 27
11.5: Areas and Lengths in Polar Coordinates
  1 , 3 , 5 , 7 , 9 , 11 , 13 , 15 , 17 , 19 , 21 , 23 , 25 , 27