

Math 0200 Schedule and Practice Problems

Based on a Monday/Wednesday/Friday schedule

January 10: 0.3 Inequalities, Intervals, and Absolute Value

Ed 2: p.33 Number 1-60

Ed 3: p.29 Number 1-62

January 12: 1.1 Functions

Ed 2: p.49 Number 1-58

Ed 3: p.45 Number 1-60

1.2 The Coordinate Plane and Graphs

Ed 2: p.62 Number 1-46

Ed 3: p.56 Number 1-50

January 14: 1.3 Function Transformation and Graphs

Ed 2: p.81 Number 1-58

Ed 3: p.73 Number 1-60

1.4 Composition of Functions

Ed 2: p.98 Number 1-48

Ed 3: p.88 Number 1-50

January 19: 1.5 Inverse Functions

Ed 2: p.113 Number 1-30

Ed 3: p.101 Number 1-34

1.6 A Graphical Approach to Inverse Functions

Ed 2: p.125 Number 1-36

Ed 3: p.111 Number 1-38

January 21: 2.1 Lines and Linear Functions

Ed 2: p.142 Number 1-44

Ed 3: p.128 Number 1-46

January 24: 2.2 Quadratic Functions and Parabolas

Ed 2: p.162 Number 1-74

Ed 3: p.146 Number 1-82

January 26: 2.3 Exponents

Ed 2: p.184 Number 1-98

Ed 3: p.167 Number 1-100

January 28: 2.4 Polynomials

Ed 2: p.202 Number 1-30

Ed 3: p.183 Number 1-32

January 31: 2.5 Rational Functions

Ed 2: p.216 Number 1-38

Ed 3: p.195 Number 1-32, 37-42

February 2: 3.1 Logarithms as Inverses of Exponentiation

Ed 2: p.232 Number 1-80

Ed 3: p.209 Number 1-82

February 4: 3.2 Applications of the Power Rule for Logarithms

Ed 2: p.242 Number 1-40

Ed 3: p.219 Number 1-44

February 7: 3.3 Applications of the Product and Quotient Rules for Logarithms

Ed 2: p.253 Number 1-40

Ed 3: p.228 Number 1-44

February 9: 3.4 Exponential Growth

Ed 2: p.271 Number 1-34

Ed 3: p.245 Number 1-36

February 11: 3.5 e and the Natural Logarithm

Ed 2: p.286 Number 1-50

Ed 3: p.256 Number 1-52

February 14: 3.7 Exponential Growth Revisited

Ed 2: p.306 Number 1-32

Ed 3: p.274 Number 1-32

February 16: Review

February 18: Exam 1

February 21: 4.1 The Unit Circle

Ed 2: p.322 Number 1-52

Ed 3: p.289 Number 1-48, 53-58

February 23: 4.2 Radians

Ed 2: p.338 Number 1-44

Ed 3: p.302 Number 1-50

February 25: 4.3 Cosine and Sine

Ed 2: p.351 Number 1-32

Ed 3: p.313 Number 1-34

February 28: 4.4 More Trigonometric Functions

Ed 2: p.362 Number 1-40

Ed 3: p.322 Number 1-42

March 2: 4.5 Trigonometry in Right Triangles

Ed 2: p.371 Number 1-36

Ed 3: p.331 Number 1-38

March 4: 4.6 Trigonometric Identities

Ed 2: p.385 Number 1-70

Ed 3: p.343 Number 1-72

March 14: 5.1 Inverse Trigonometric Functions

Ed 2: p.403 Number 1-48

Ed 3: p.359 Number 1-52

March 16: 5.2 Inverse Trigonometric Identities

Ed 2: p.413 Number 1-32

Ed 3: p.371 Number 1-42

March 18: 5.3 Using Trigonometry to Compute Area

Ed 2: p.426 Number 1-40

Ed 3: p.383 Number 1-40

March 21: 5.4 The Law of Sines and the Law of Cosines

Ed 2: p.439 Number 1-24

Ed 3: p.395 Number 1-24

March 23: 5.5 Double-Angle and Half-Angle Formulas

Ed 2: p.454 Number 1-70

Ed 3: p.407 Number 1-70

March 25: 5.6 Addition and Subtraction Formulas

Ed 2: p.467 Number 1-36

Ed 3: p.418 Number 1-36

March 28: Transformation of Trigonometric Functions

Ed 2: **6.1** p.485 Number 1-34

Ed 3: **5.7** p.430 Number 1-36

March 30: Review

April 1: Exam 2

April 4: Polar Coordinates

Ed 2 **6.2** p.501 Number 1-30

Ed 3 **7.1** p.491 Number 1-32

April 6: Polar Coordinates (cont)

April 8: Vectors

Ed 2: **6.3** p.514 Number 1-20

Ed 3: **7.3** p.503 Number 1-22

April 11: Complex Numbers

Ed 2: **6.4** p.526 Number 1-40

Ed 3: **7.3** p.514 Number 1-42

April 13: The Complex Plane

Ed 2: **6.5** p.538 Number 1-14

Ed 3: **7.4** p.524 Number 1-14

April 15: The Complex Plane (cont)

April 18: Euler's Formula

Exercises 1-10

April 20: Review

April 22: Review