

Name _____

Period _____

Pre-Calculus

Binder Check #4

Your binder check is cumulative, meaning that you must have everything from the previous binder check to get full credit. It must be *organized with labeled dividers* and all papers must have your name, date, and period on them to receive full credit. Your binder must be for **MATH ONLY!**

_____ Binder (5 points)

_____ Course Syllabus

_____ Binder Check #1

_____ 5 Dividers (5 points)

_____ Classroom Expectations

_____ Binder Check #2

_____ Paper (3 points)

_____ Reading in Math

_____ Binder Check #3

_____ Graph Paper (3 points)

Notes

Chapter 1 – Imaginary and Complex Numbers

- 1) _____ Lesson 1: Imaginary Numbers
- 2) _____ Lesson 2: Square Roots of Negative Numbers
- 3) _____ Lesson 3: Adding & Subtracting Complex Numbers
- 4) _____ Lesson 4: Multiplying Complex Numbers
- 5) _____ Lesson 5: Dividing Complex Numbers
- 6) _____ Lesson 6: Graphing Complex Numbers
- 7) _____ Lesson 7: Complex Numbers as Vectors
- 8) _____ Lesson 8: Geometric Effect of Complex Numbers
- 9) _____ Lesson 9: Midpoint & Distance
- 10) _____ Lesson 10: Geometric Effect of Multiplication
- 11) _____ Lesson 11: Geometric Effect of Complex Numbers Multiplication

Chapter 2 – Polar Coordinates

- 12) _____ Lesson 1: Convert Between Degrees & Radians
- 13) _____ Lesson 2: Polar Coordinates
- 14) _____ Lesson 3: Convert From Polar to Rectangular Coordinates
- 15) _____ Lesson 4: Convert From Rectangular to Polar Coordinates

Chapter 3 – Matrices

- 16) _____ Lesson 1: Introduction to Matrices
- 17) _____ Lesson 2: Adding & Subtracting Matrices
- 18) _____ Lesson 3: Scalar Multiplication
- 19) _____ Lesson 4: Matrix Multiplication
- 20) _____ Lesson 5: Additive & Multiplicative Identity
- 21) _____ Lesson 6: Matrix Determinant
- 22) _____ Lesson 7: Inverse of a 2x2 Matrix
- 23) _____ Lesson 8: Using Matrices When Solving Systems of Linear Equations
- 24) _____ Lesson 9: Matrices & the TI-nspire
- 25) _____ Lesson 10: Matrices Real World Applications
- 26) _____ Lesson 11: Transformations Using Matrices
- 27) _____ Lesson 12: Digraphs
- 28) _____ Lesson 13: Adjacency Matrices

Chapter 4 – Exponential & Logarithmic Functions

- 29) _____ Lesson 1: Introduction to Logs
- 30) _____ Lesson 2: Graphs of Exponential & Logarithmic Function
- 31) _____ Lesson 3: Transformations involving logarithms
- 32) _____ Lesson 4: Solving Logarithmic Equations
- 33) _____ Lesson 5: Properties of Logarithms
- 34) _____ Lesson 6: Solving Logarithmic Equations
- 35) _____ Lesson 7: Solving Exponential Equations with Common Base
- 36) _____ Lesson 8: Cannot get a common base
- 37) _____ Lesson 9: Natural Logarithms
- 38) _____ Lesson 10: Change of base
- 39) _____ Lesson 11: Compound Interest
- 40) _____ Lesson 12: Exponential Growth and Decay

Class Work/Homework

- 1) _____ Order of Operations
- 2) _____ Solving Linear Equations
- 3) _____ Homework #1
- 4) _____ Homework #2
- 5) _____ Homework #3
- 6) _____ Homework #4
- 7) _____ Homework #5
- 8) _____ Homework #6
- 9) _____ Homework #7
- 10) _____ Homework #8
- 11) _____ Homework #9
- 12) _____ Homework #10
- 13) _____ Homework #11
- 14) _____ Homework #12
- 15) _____ Homework #13
- 16) _____ Homework #14
- 17) _____ Homework #15
- 18) _____ Homework #16
- 19) _____ Homework #17
- 20) _____ Homework #18
- 21) _____ Homework #19
- 22) _____ Homework #20
- 23) _____ Factoring Review #1
- 24) _____ Factoring Review #2
- 25) _____ Factoring Review #3
- 26) _____ Homework #21
- 27) _____ Homework #22
- 28) _____ Homework #23
- 29) _____ Homework #24
- 30) _____ Homework #25
- 31) _____ Homework #26
- 32) _____ Homework #27
- 33) _____ Homework #28
- 34) _____ Homework #29
- 35) _____ Homework #30
- 36) _____ Homework #31
- 37) _____ Homework #32

- 38) _____ Homework #33
- 39) _____ Homework #34
- 40) _____ Homework #35
- 41) _____ Homework #36
- 42) _____ Evaluating Expressions

Review

- 1) _____ Review: Imaginary & Complex Numbers
- 2) _____ Review: Matrices

Assessments

- 1) _____ Quiz #1
- 2) _____ Test #1
- 3) _____ Quiz #2
- 4) _____ Test #2
- 5) _____ Matrix Project Rubric
- 6) _____ Algebra 2/Trigonometry Regents Exam January 2014
- 7) _____ Quiz #3

Extra

- 1) _____ Algebra 2 Trigonometry Reference Sheet
- 2) _____ Algebra 2 Things to Know Packet
- 3) _____ A2T January 2015 Exam
- 4) _____ A2T January 2013 Exam
- 5) _____ A2T January 2016 Exam

Grade_____/118