

ALGEBRA 2 - SEMESTER 2
UNIT 6: Inverses and Radical Functions

Mon. Jan 6	TEACHER WORK DAY
Tues. Jan 7	BTC Thinking Task #1 1) Welcome back 2) Cryptogram Thinking Task
Wed. Jan 8/Thurs Jan 9	BTC Thinking Task #2 Rebus Puzzle Task (this is a 45 min lesson) 1) Go over mild examples of Rebus/picture puzzles 2) Send to boards to solve Set #1(solve puzzles) 2 sets of 12 3) After solutions, do Set #2(they draw) 4) Gallery walk, and then do set #3(they come up with own) 5) CYU: Solve classmates puzzles(I left the pictures the class drew before to launch the next class.
Fri. Jan 10	BTC Thinking Task #3 1) "Using only the digits in 2025 (2, 0, and 5) and the order of operations (+, -, *, ÷, parentheses, exponents, etc.), create equations that result in each of the numbers from 1 to 15. You may use each digit more than once if needed, but you can only use the digits 2, 0, and 5. Try to find a unique equation for each number!" 2) "At a bridal shower, there are 20 mothers and their 20 daughters, making a total of 40 people. The following handshake rules apply: • Each mother shakes hands with every other mother. • Each daughter shakes hands with every mother (including her own). • Daughters do NOT shake hands with other daughters. How many total handshakes take place at the bridal shower?" 3) CYU: REBUS PUZZLE WKST
Mon. Jan 13	Review 6.1-6.2 1) Head to boards to do REVIEW LESSON. 2) Last 15 Minutes do CYU: REVIEW 6.1-6.2
Tues. Jan 14	6.4a Graphing radical functions 1) Start off class by doing 6.4 Before activity Refresher(I am going to put a couple at each table in a shop ticket to encourage discussion and not writing) 1) Head to Boards doing magnetic matching of S 2) Stay at boards and do QU(had to skip U)A 3) Head to seats and do Notes 1a & 1b
Wed. Jan 15 Thurs. Jan 16	6.4b Graphing radical function 1) Head to boards to do RE rT(only got to do E&r)

	2) Stay at board and do Lesson 6.4b C & U (discuss what was discovered) 3) Head to seat and do Notes Ex #1 & #2 4) Head to boards BERT 5) Head to seats and do CYU 6.4a & 6.4b
Fri. Jan 17	6.3a nth Roots and Rational Exponents 1) Head to boards and do RA . 2) Head to seat and do Notes Ex #1 & #2 3) Head back to boards and do DICaL
Mon. Jan 20	<i>No School - Martin Luther King Jr. Day</i>
Tues. Jan 21	6.3b nth Roots and Rational Exponents 1) Start at seat and do Notes Ex #1 & #2 2) Head to boards NTH Rt 3) Head to seats and do CYU 6.3
Wed. Jan 22 Thurs. Jan 23	Review 6.3-6.4 1) Start at boards and do UNIT ReVi&W 2) CYU: UNIT REVIEW 6.3-6.4
Fri. Jan 24	QUIZ 6.3-6.4
Mon. Jan 27	6.5a Operations with Radical Expressions 1) Start at seat and do Notes Ex #1 2) Head to boards EX 3) Start at seat and do Ex #2 4) Head to boards PR
Tues. Jan 28	6.5b Operations with Radical Expressions 1) Head to boards PR 1) Start at seat and do Notes Ex #1 2) Head to boards ES 3) Start at seat and do Ex #2
Wed. Jan 29 Thurs. Jan 30	6.5 Operations with Radical Expressions 1) Finish Example #2 2) Head to boards \$ION 3) Head to boards to do WARMUP (Provide answer key) 4) CYU 6.5

Fri. Jan 31	6.6 Solving Radical Equations 1) (before start post CYU from #2 and compare them to low floor algebra 1 problems, Start at seat and do Ex #1 2) Head to boards do EQUA (Make a QUICK CYU for back of Notes)
Mon. Feb 3	6.6 Solving Radical Equations 1) Start at seat and do Notes Ex #2 2) Head to boards TIONS 3) CYU 6.6
Tues. Feb 4	<u>UNIT 6 BTC REVIEW</u> 1) Head to boards REVIEW 2) Head to seats and start <u>UNIT 6 REVIEW</u>
Wed. Feb 5 Thurs. Feb 6	<u>UNIT 6 BTC REVIEW</u> 1) Head to boards TIM& 2) Head to seats and start <u>UNIT 6 REVIEW</u>
Fri. Feb 7	UNIT 6 TEST
Mon. Feb 10	7.1 : Graphing Exponential Functions (Sub today) 1) Head to boards to do G. 2) Notes Ex 1 & Ex 2 3) Head to boards for EF!
Tues. Feb 11	7.1 : Graphing Exponential Functions (Sub today) 1) <u>WARM UP</u> 2) Head to seats and do CYU 7.1
Wed. Feb 12 Thurs. Feb 13	7.2: Solving Exponential Equations (Word Problems) (Sub today) 1) Go to boards and see if they can do GEF! From 7.1 2) Head to seats and go over CYU 7.1 3) Stay at seats and do Notes 7.2a Ex #1 & Ex #2 4) Head to boards to do Y=A
Fri. Feb 14	7.2b: Solving Exponential Equations (Word Problems) 1) <u>Warm up question</u> 2) Head to seats and do Notes 7.2b Ex #1 & Ex #2 2) Head to boards to do mom o BX! 3) Head to seats for CYU 7.2

Mon. Feb 17	REVIEW 7.1-7.2 ELEARNING DAY
Tues. Feb 18	8.1: Logarithms & Logarithmic Functions 1) Start at seats and do EX #1 2) Head to boards to do LOGA 3) Head to seats to do EX #2 4) Head to boards to do RITH
Wed. Feb 19 Thurs. Feb 20	8.2a: Properties of Logarithms 1) Start of at seats with CYU 8.1 2) Stay at seats to do 8.2a Notes Ex 1 3) Head to boards to do EXP 4) Head to seats to do 8.2a Notes Ex 2 5) Head to boards to do AND 6) Head to seats for CYU 8.2a
Fri. Feb 21	8.2b: Properties of Logarithms 1) Stay at seats to do 8.2b Notes Ex 1 2) Head to boards to do ING 3) Head to seats to do 8.2b Notes Ex 2 4) Head to boards to do !* 5) Head to seats for CYU 8.2b

Mon. Feb 24	QUIZ REVIEW 1) Head to boards and do BTC REVIEW! 2) Head to seats and do QUIZ REVIEW
Tues. Feb 25	QUIZ 7.1,7.2, 8.1, & 8.2
Wed. Feb 26 Thurs. Feb 27	8.3: Common Logarithms 1) Stay at seats to do 8.3 Notes Ex 1 & 2 2) Head to boards to do COMm*NL 3) Head to seats to do 8.3 Notes Ex 3 4) Head to boards to do OG! 5) Head to seats for CYU 8.3
Fri. Feb 28	8.4: Natural Logarithms. 1) WARM UP 2) Stay at seats to do 8.4 Notes Ex 1 & 2 3) Head to boards to do NAT URA 4) On Back of Notes have them try Mild, Medium, and Spicy

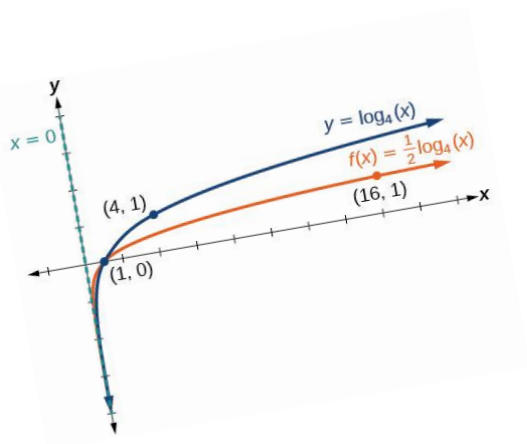
Mon. Mar 3	8.4: Natural Logarithms 1) WARM UP Mild, Medium, and Spicy 2) Head to Boards for LREVIEW 3) CYU 8.4/HAND OUT REVIEW
Tues. Mar 4	SAT DAY 8.3-8.4 Review
Wed. Mar 5 Thurs. Mar 6	8.5: Using Exponential and Logarithmic Functions 1) Start at desks doing Notes 9.5 Ex #1 & Ex. #2 2) Head to Boards to do INT EReS 3) Head to seats and do CYU 8.5
Fri. Mar 7	8.5: Using Exponential and Logarithmic Functions 1) Head to Boards to do REV Is 2) Head back to seats and do CYU 8.3-8.5 Review 3) Stay at seats and do UNIT 7-8 REVIEW
Mon. Mar 10	UNIT 7 & 8 REVIEW 1) Head to boards and do review questions for sections 7.1, 7.2, 8.1, & 8.2 2) Head back to seats and work on the UNIT 7-8 REVIEW
Tues. Mar 11	UNIT 7 & 8 REVIEW 3) Head to boards and do review questions for sections 8.3 & 8.5 4) Head back to seats and work on the UNIT 7-8 REVIEW
Wed. Mar 12/ Thurs. Mar 13	TEST 7 & 8
Fri. Mar 14	Factor Review 1) Quickly review factoring (Put three examples on board with colored markers) 2) Head to boards to do (blue, red, yellow, green fish) 3) Head to seats for <u>Factor Review</u>

Mon. Mar 17	9.1 Multiplying and Dividing Rational Expressions 1) Stay at seats to do 9.1 Notes Ex 1 2) Head to boards to do RAT I 3) Head to seats to do 9.1 Notes Ex 2 4) Head to boards to do ONAL
Tues. Mar 18	9.1 Multiplying and Dividing Rational Expressions 1) Start at seats to do 9.1 Notes Ex 3 2) Head to boards to do S\$! * 3) Head to seats for CYU 9.1
Wed. Mar 19 Thurs. Mar 20	9.2 Adding and Subtracting Rational Expressions 1) Start at seats for CYU 9.1 Questions 1) Head to boards to do D 2) Head to seats to do 9.2 Notes Ex 1 & Ex #2 3) Head to boards to do ENO (have Banner extension prepared)
Fri. Mar 21	9.2 Adding and Subtracting Rational Expressions 1) Head to boards to do MIn TAR(o) 2) Head to seats for CYU 9.2
Mon. Mar 24	Review 9.1-9.2 1) Head to boards for warm up problems WARM UP 9.1-9.2 2) Head to seats to do REVIEW WKST 9.1-9.2
Tues. Mar 25	Scavenger Hunt Review 9.1-9.2 (Hearing Screening) Jeff Harker coming 1) Have them head to boards to do ABC 2) When students start finishing C, start writing DEFGH in BANNER 3) Check for understanding by giving WKST I thru P.
Wed. Mar 26 Thurs. Mar 27	BTC Review 9.1-9.2 QUIZ 9.1 & 9.2
Fri. Mar 28	No School SPRING BREAK!!!!!!

Mon. Apr. 7	9.4 Graphing Rational Functions 1) 9.1-9.2 WARM UP(I just found three problems) 2) Head to seats to do Notes 9.4a 3) Head to boards to do GRAP
Tues. Apr. 8	9.4 Graphing Rational Functions 1) Warm up 9.4a 2) Head to seats to do Notes 9.4b 3) Head to boards to do HING(did not get to this)
Wed. Apr. 9/Thurs. Apr. 10	9.4 Graphing Rational Functions 1) Warm up 9.4 (I) 1) Head to boards to do HNG 2) Two truths and a lie (have them start and give them 30 min and then hand answer key) 3) CYU 9.4
Fri. Apr. 11	9.4 Graphing Rational Functions Name that function
Mon. Apr. 14	9-6: Solving Rational Equations and Inequalities 1) At seats Notes EX. #1 2) Head to boards SOL 3) At seats Notes EX. #2
Tues. Apr. 15	9-6: Solving Rational Equations and Inequalities 1) At seats WARM UP 9.6 #1 2) Head to board VING!
Wed. Apr. 16/Thurs. Apr. 17	9-6: Solving Rational Equations and Inequalities 1) At boards WARM UP 9.6 #2(Banner) 2) Whodunnit 3) CYU 9.6
Fri. Apr. 18	9-6: Solving Rational Equations and Inequalities 1) At boards REVIEW 9.4-9.6(20-25 min) 2) Finish CYU 9.6 3) Hand OUT REVIEW

Mon. Apr. 21	UNIT 9 REVIEW 1) Head to boards to do TEST R 2) Head to Seats for UNIT 9 TEST REVIEW
Tues. Apr. 22	UNIT 9 REVIEW 1) Head to boards to do eVI&W 2) Head to Seats for UNIT 9 TEST REVIEW
Wed. Apr. 23/Thurs. Apr. 24	Unit 9 TEST
Fri. Apr. 25	Introduction to Probability ELEARNING DAY
Mon. Apr. 28	Introduction to Probability 1) Start at seats for NOTES EX 1, 2, & 3 2) Head to boards for 1-5
Tues. Apr. 29	Lesson 10-1: Permutations & Combinations 1) Head to boards to do COU 2) Head to seats for NOTES 10.2 3) Head to boards to do NTI
Wed. Apr. 30/Thurs. May 1	Lesson 10-1: Permutations & Combinations/ Lesson 10-2: Theoretical Probability, Independent and Dependent Events 1) Head to boards to warm up with nG! 2) Head to seats to do CYU 10.1 3) Stay at seats to do NOTES 10.2 4) Head to boards to do COMP OUND 5) Head to seats for CYU 10.2
Fri. May 2	Lesson 10-2: Theoretical Probability, Independent and Dependent Events 1) Warm up 10.1-10.2(I did the C & P task cards) 2) ACTIVITY 10.2

Mon. May 5	Lesson 10-3: Measures of Central Tendency 1) Head to boards and do EDIM 2) Head to seats and do NOTES #1 & Notes #2 3) Head to boards and do A
Tues. May 6	Lesson 10-3: Measures of Central Tendency 1) Head to boards and do N. 2) M&M LAB 3) CYU 10.3
Wed. May 7/Thurs. May 8	Lesson 10-4: Normal Distributions 1) Intro to Bias & Unbias Activity 2) Stayat seats an do 10.4 NOTES #1 & Notes #2 3) Head to boards to do NORMAL 4) Head to seats for CYU 10.4
Fri. May 9	Lesson 10-4: Normal Distributions 1) Warm up 2) REVIEW 10.1-10.4
Mon. May 12	UNIT 10 REVIEW 1) BTC REVIEW 2) QUIZ REVIEW 10.1-10.4
Tues. May 13	UNIT 10 QUIZ SELF ASSESSMENT
Wed. May 14/Thurs. May 15	Review for Final
Fri. May 16	Review for Final
Mon. May 19	SENIOR FINAL-Period 2, 4, 6
Tues. May 20	FINAL-Period 1,C , 7
Wed. May 21	UNDERCLASSMEN FINAL 3,C 5
Thurs. May 22	UNDERCLASSMEN FINAL 2,4,6
Fri. May 23	TEACHER WORK DAY



STUDENT SPRING 2024

Algebra 2 Calendar

