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Desmos Scientific Calculator: https://www.desmos.com/scientific	

MATH 2 CALENDAR 2024 / 2025	
Monday, June 2nd - Wednesday, June 4th	
Today's Classwork	1. Hand in Benchmark 4 Review (p. 233-246) 2. Collect Binders from all students and recycle 3. Benchmark 4 Exam
Friday, May 30th	
Today's Classwork ***Due: Next Class***	1. Benchmark 4 Review (p. 233-246) - ***Due day of Final Exam*** ***Next Class: Benchmark 4 Exam**
Wednesday, May 28th / Thursday, May 29th	
Today's Classwork ***Due: Next Class***	1. SLOT 5 - Negative Exponents (p. 46) 2. Mental Math: Skip Counting 5-6 (p. 75) - no video 3. Benchmark 4 Review (p. 233-246) - ***Due day of Final Exam*** 4. **Quiz→ XEI 605 Quad. Eq. and XEI 601 - Rational Exp. / Eq.** ***Next Class: Benchmark 4 Exam (for B Days)**
Friday, May 23rd / Tuesday, May 27th	
Today's Classwork ***Due: Next Class***	1. SLOT 12 – Complex Fractions (p. 43) 2. Mental Math: Skip Counting 3-4 (p. 74-75) - no video 3. XEI 605 - Quadratic Equations 3 (p. 215-216) 4. Benchmark 4 Review (p. 233-246) - ***Due day of Final Exam*** ***Next Class: Quiz→ XEI 605 Quad. Equations and XEI 601 - Rational Expressions and Equations**
Wednesday, May 21st / Thursday, May 22nd	

Today's Classwork ***Due: Next Class***	1. SLOT 4- Negative Exponents (p. 45) 2. Mental Math: Skip Counting 1-2 (p. 74) - no video 3. XEI 605 - Quadratic Equations 2 (p. 213-214) - Finish 4. XEI 601 - Rational Expressions and Equations 3 (p. 201-202) *modify 5. Benchmark 4 Review (p. 233-246) - ***Due day of Final Exam***
Monday, May 19th / Tuesday, May 20th	
Today's Classwork ***Due: Next Class***	1. SLOT 3 - Negative Exponents (p. 45) 2. Mental Math: Perfect Cubes 9 (p. 73) - no video 3. XEI 605 - Quadratic Equations 2 (p. 213-214) - Start 4. XEI 601 - Rational Expressions and Equations 2 (p. 197-198) *modify 5. Benchmark 4 Review (p. 233-246) - ***Due day of Final Exam***
Wednesday, May 14th / Thursday, May 15th	
Today's Classwork ***Due: Next Class***	1. SLOT 11 – Complex Fractions (p. 42) 2. Mental Math: Perfect Cubes 8 (p. 73) - no video 3. Mind Map: Rational Expressions and Equations (handout) 4. XEI 601 - Rational Expressions and Equations 1 (p. 193-194) *modify 5. Benchmark 4 Review (p. 233-246) - ***Due day of Final Exam*** 6. **Quiz→ MEA 402: Cones/Cylinders**
Monday, May 12th / Tuesday, May 13th	
Learning Targets • I can simplify expressions with negatives exponents (SLOT 2) • I can name and identify cones and cylinders. (MEA 402) • I can find the surface area and volume of a cylinder. (MEA 402) • I can find the surface area and volume of a cone. (MEA 402) • Identify solutions to simple quadratic equations (XEI 503) • Solve quadratic equations (XEI 605)	
Today's Classwork ***Due: Next Class***	1. SLOT 2 - Negative Exponents (p. 44) 2. Mental Math: Perfect Cubes 7 (p. 73) - no video 3. Mind Map: Quadratics (p. 253) 4. MEA 402 - Cones/Cylinders 3 (p. 149-150) 5. XEI 605 - Quadratic Equations 1 (p. 211-212) 6. Benchmark 4 Review (p. 233-246) - ***Due day of Final Exam*** ***Next Class: Quiz→ MEA 402: Cones/Cylinders**
Thursday, May 8th / Friday, May 9th	
Learning Targets • I can simplify complex fractions. (SLOT 10) • I can name and identify cones and cylinders. (MEA 402) • I can find the surface area and volume of a cylinder. (MEA 402) • I can find the surface area and volume of a cone. (MEA 402)	
Today's	1. SLOT 10 – Complex Fractions (p. 41)

Classwork ***Due: Next Class***	2. Mental Math: Perfect Cubes 6 (p. 72) - no video 3. Notes: Quadratic Formula 4. MEA 402 - Cones/Cylinders 2 (p. 147-148) 5. Benchmark 4 Review (p. 233-246) - ***Due day of Final Exam*** 6. **Quiz→GRE 603 - Distance Formula**

Tuesday, May 6th / Wednesday, May 7th

Learning Targets

- I can simplify complex fractions. (SLOT 9)
- I can find the distance between two points on a coordinate plane. (GRE 603)
- I can apply the distance formula to various situations. (GRE 603)
- I can name and identify cones and cylinders. (MEA 402)
- I can find the surface area and volume of a cylinder. (MEA 402)
- I can find the surface area and volume of a cone. (MEA 402)

Today's Classwork ***Due: Next Class***	1. SLOT 9 – Complex Fractions (p. 40) 2. Mental Math: Perfect Cubes 5 (p. 72) - no video 3. Mind-Map: Cones and Cylinders (p. 250) - no video 4. GRE 603 – Distance Formula 3 (p. 137-138) 5. MEA 402 – Cones/Cylinders 1 (p. 145-146) ***Next Class: Quiz→GRE 603 - Distance Formula**

Friday, May 2nd / Monday, May 5th

Learning Targets

- I can simplify complex fractions. (SLOT 8)
- I can reflect coordinates over the x and y-axis.
- I can rotate points on the coordinate plane.
- I can translate points on the coordinate plane.
- I can find the distance between two points on a coordinate plane.
- I can apply the distance formula to various situations.

Today's Classwork ***Due: Next Class***	1. SLOT 8 – Complex Fractions (p. 40) 2. SLOT 1 – Negative Exponents (p. 44) 3. Mental Math: Perfect Cubes 4 (p. 72) - no video 4. Notes: Surface Area of Cones 5. Notes: Volume of Cones 6. GRE 603 – Distance Formula 2 (p. 135-136) 7. **Quiz→ GRE 505 - Transformations**

Wednesday, April 30th / Thursday, May 1st

Learning Targets

- I can simplify complex fractions. (SLOT 7)
- I can reflect coordinates over the x and y-axis.
- I can rotate points on the coordinate plane.
- I can translate points on the coordinate plane.
- I can find the distance between two points on a coordinate plane.

- I can apply the distance formula to various situations.

Today's Classwork ***Due: Next Class***	1. SLOT 7 – Complex Fractions (p. 39) 2. Mental Math: Perfect Cubes 3 (p. 71) - no video 3. Notes: Distance Formula 3 4. Notes: Volume of Cylinders 5. GRE 505 – Transformations 3 (p. 131-132) 6. GRE 603 – Distance Formula 1 (p. 133-134) ***Next Class: Quiz→ GRE 505 - Transformations***

Monday, April 28th / Tuesday, April 29th

Learning Targets

- I can simplify complex fractions. (SLOT 6)
- I can reflect coordinates over the x and y-axis.
- I can rotate points on the coordinate plane.
- I can translate points on the coordinate plane.

Today's Classwork ***Due: Next Class***	1. SLOT 6 – Complex Fractions (p. 38) 2. Mental Math: Perfect Cubes 2 (p. 71) - no video 3. Notes: Distance Formula 2 4. Investigation: Surface Area of Cylinders (p. 89) - no video 5. Notes: Surface Area of Cylinders 6. GRE 505 – Transformations 2 (p. 129-130)

Thursday, April 24th / Friday, April 25th

Learning Targets

- I can simplify complex fractions. (SLOT 5)
- I can solve systems by substitution and elimination.
- I can solve a real world problem using systems.
- I can determine when an expression is undefined.
- I can categorize different types of numbers.
- I can reflect coordinates over the x and y-axis.
- I can rotate points on the coordinate plane.
- I can translate points on the coordinate plane

Today's Classwork ***Due: Next Class***	1. SLOT 5 – Complex Fractions (p. 37) 2. Mental Math: Perfect Cubes 1 (p. 71) 3. Mind-Map: Transformations (p. 249) 4. GRE 505 – Transformations 1 (p. 127-128) 5. **Quizzes→XEI 606 - Systems and NCP 508/509 - Real Number Systems**

Tuesday, April 22nd / Wednesday, April 23rd

Learning Targets

- I can simplify complex fractions. (SLOT 4)

- I can solve systems by substitution and elimination.
- I can determine when systems have no solutions or infinite solutions.
- I can solve a real world problem using systems.
- I can determine when an expression is undefined.
- I can categorize different types of numbers.
- I can use properties of different numbers.

Today's Classwork ***Due: Next Class***	1. SLOT 4 – Complex Fractions (p. 36) 2. Mental Math: Multiplication with Decimals 6 (p. 70) - no video 3. Investigation: Rotation of 90° (p. 88) 4. Notes: Rotation of 90° 5. XEI 606 – Systems 3 (p. 221-222) 6. NCP 508/509 - Real Number System 3 (p. 161-162) - no video ***Next Class: Quizzes→XEI 606 - Systems and NCP 508/509 - Real Number Systems***

Thursday, April 17th / Monday, April 21st

Learning Targets

- I can simplify complex fractions. (SLOT 3)
- I can solve systems by substitution and elimination.
- I can determine when systems have no solutions or infinite solutions.
- I can solve a real world problem using systems.
- I can determine when an expression is undefined.
- I can categorize different types of numbers.
- I can use properties of different numbers.

Today's Classwork ***Due: Next Class***	1. SLOT 3 – Complex Fractions (p. 35) 2. Mental Math: Multiplication with Decimals 5 (p. 69) - no video 3. Investigation: Rotation of 180° (p. 87) 4. Notes: Rotation of 180° 5. Notes: Distance Formula 1 6. XEI 606 – Systems 2 (p. 219-220)

Tuesday, April 15th / Wednesday, April 16th

Learning Targets

- I can simplify complex fractions. (SLOT 2)
- I can find the perimeter of composite shapes.
- I can find the area of composite shapes.
- I can solve systems by substitution and elimination.
- I can determine when systems have no solutions or infinite solutions.
- I can solve a real world problem using systems.

Today's Classwork ***Due: Next Class***	1. SLOT 2 – Complex Fractions (p. 34) 2. Mental Math: Multiplication with Decimals 4 (p. 68) - no video 3. Mind-Map: Systems (p. 254) 4. XEI 606 – Systems 1 (p. 217-218) 5. NCP 508/509 - Real Number Systems 2 (p. 159-160) **6. Quiz→ MEA 503- Composite Figures**

Friday, April 11th / Monday, April 14th	
Learning Targets • I can simplify complex fractions. (SLOT 1) • I can find the perimeter of composite shapes. • I can find the area of composite shapes. • I can determine when an expression is undefined. • I can categorize different types of numbers. • I can use properties of different numbers.	
Today's Classwork ***Due: Next Class***	1. SLOT 1- Complex Fractions (p. 33) 2. Mental Math: Multiplication with Decimals 3 (p. 67) - no video 3. Investigation: Reflections (p. 85-86) - no video 4. Notes: Reflections 5. MEA 503 – Composite Figures 3 (p.155-156) 6. NCP 508/509 - Real Number System 1 (p. 157-158) ***Next Class: Quiz→ MEA 503- Composite Figures***
Wednesday, April 9th / Thursday, April 10th	
Today's Classwork	1. Retakes / Missing Assignments
Monday, April 7th / Tuesday, April 8th	
Learning Targets • I can simplify higher roots. (SLOT 12) • I can find the perimeter of composite shapes. • I can find the area of composite shapes.	
Today's Classwork ***Due: Next Class***	1. Warm Up on ACT Packet Review (pg.15-16) 2. SLOT 12- Higher Roots (p. 21) 3. Mental Math: Multiplication with Decimals 2 (p. 66) - no video 4. Investigation: Special Systems (p. 101-102) 5. Investigation: Types of Numbers Hierarchy (p. 90) - no video 6. Notes: Types of Numbers Hierarchy 7. MEA 503 – Composite Figure 2 (p. 153-154)
Thursday, April 3rd / Friday, April 4th	
Today's Classwork ***Due: Next Class***	1. Warm Up on ACT Packet Review (pg.17-20) 2. **Benchmark 3 Exam - Click Here for Edulastic Login**
Tuesday, April 1st / Wednesday, April 2nd	

Learning Targets

- I can simplify higher roots. (SLOT 11)
- I can find the perimeter of composite shapes.
- I can find the area of composite shapes.

Today's Classwork ***Due: Next Class***	1. Warm Up on ACT Packet Review (pg. 12) 2. SLOT 11- Higher Roots (p. 21) 3. Mental Math: Multiplication with Decimals 1 (p. 65) - no video 4. Notes: Solving Systems with Fractions 5. Notes: Types of Numbers 6. MEA 503 – Composite Figures 1 (p. 151-152) 7. Benchmark #3 Review (p. 223-232) 8. **Quizzes→ FUN 502 - Trigonometry & Quiz: FUN 505 – Domain and Range** ***Benchmark #3 Review due next class***

Friday, March 21st / Monday, March 31st

Learning Targets

- I can simplify higher roots. (SLOT 10)
- I can review math concepts.

Today's Classwork ***Due: Next Class***	1. Warm Up on ACT Packet Review (pg. 8-9) 2. SLOT 10- Higher Roots (p. 20) 3. SLOT 9- Rational Expressions (p. 26) 4. Mental Math: Two-Digit Subtraction 4 (p. 62) - no video 5. Notes: Applications of Systems #7 and #8 (p. 100) 6. FUN 502 – Trigonometry 3 (p. 119-120) 7. Benchmark #3 Review (p. 223-232) ***Next Class: Quizzes→ FUN 502 - Trigonometry & FUN 505 - Domain and Range***

Wednesday, March 19th / Thursday, March 20th

Learning Targets

- I can simplify higher roots. (SLOT 9)
- I can express the sine, cosine, or tangent of an angle using a ratio.
- I can use sine, cosine, or tangent to solve simple right triangle problems.
- I can identify the domain and range of a graph.
- I can draw a function given the domain and range of a graph.

Today's Classwork ***Due: Next***	1. Warm Up on ACT Packet Review (pg. 6-7) 2. SLOT 9- Higher Roots (p. 20) 3. SLOT 8- Rational Expressions (p. 25) 4. Mental Math: Two-Digit Subtraction 3 (p. 61) - no video 5. Notes: Applications of Systems #5 and #6 (p. 100)

Class	6. FUN 502 – Trigonometry 2 (p. 117-118) 7. FUN 505 - Domain and Range 3 (p. 125-126) 8. Benchmark #3 Review (p. 223-232)

Monday, March 17th / Tuesday, March 18th

Learning Targets

- I can simplify higher roots. (SLOT 9)
- I can express the sine, cosine, or tangent of an angle using a ratio.
- I can use sine, cosine, or tangent to solve simple right triangle problems.
- I can identify the domain and range of a graph.
- I can draw a function given the domain and range of a graph.

Today's Classwork ***Due: Next Class***	1. Warm Up on ACT Packet Review (pg. 3-4) 2. SLOT 7- Rational Expressions (p. 25) 3. Mental Math: Two-Digit Subtraction 2 (p. 60) - no video 4. Mind-Map: Trigonometry (p. 247) 5. Notes: Application of Systems - #3 and 4 (p. 99) 6. FUN 502 – Trigonometry 1 (p. 115-116) 7. FUN 505- Domain and Range 2 (p. 123-124) 8. Benchmark #3 Review (p. 223-232)

Thursday, March 13th / Friday, March 14th

Learning Targets

- I can simplify higher roots. (SLOT 8)
- I can find the average, median, and mode from a frequency table.
- I can manipulate graphs, tables, and charts.
- I can determine the effects outliers will have on mean and median.
- I can determine if given side lengths create a triangle.
- I can use relationships between side lengths and angles to order side lengths and angles.
- I can use properties of isosceles triangles to solve for missing angles and sides.

Today's Classwork ***Due: Next Class***	1. Warm Up on ACT Packet Review (pg. 1-2) 2. SLOT 8- Higher Roots (p. 19) 3. Mental Math: Two-Digit Subtraction 1 (p. 59) - no video 4. FUN 505 - Domain and Range Matching (p. 81, 83) 5. FUN 505- Domain and Range 1 (p. 121-122) 6. Benchmark #3 Review (p. 223-232)

Monday, March 10th / Wednesday, March 12th

Learning Targets

- I can simplify rational expressions. (SLOT 6)
- I can find the average, median, and mode from a frequency table.
- I can manipulate graphs, tables, and charts.
- I can determine the effects outliers will have on mean and median.
- I can determine if given side lengths create a triangle.

- I can use relationships between side lengths and angles to order side lengths and angles.
- I can use properties of isosceles triangles to solve for missing angles and sides.

Today's Classwork ***Due: Next Class***	1. SLOT 6- Rational Expressions (p. 24) 2. Mental Math: Perfect Squares 8 (p. 58) - no video 3. Notes: Domain and Range 4. FUN 505 - Domain and Range Matching (p. 80, 82) 5. **Quizzes→ PSD501- Frequency Tables & PPF503- Isosceles Triangles**

Thursday, March 6th / Friday, March 7th

Learning Targets

- I can simplify higher roots. (SLOT 7)
- I can find the average, median, and mode from a frequency table.
- I can manipulate graphs, tables, and charts.
- I can determine the effects outliers will have on mean and median.

Today's Classwork ***Due: Next Class***	1. SLOT 7- Higher Roots (p. 19) 2. Mental Math: Perfect Squares 7 (p. 58) - no video 3. Notes: Trigonometry – Finding Side Lengths 4. Notes: Trigonometry – Finding Angles 5. Notes: Application of Systems- #1 and 2 (p. 99) 6. PPF 503- Isosceles Triangles 3 (p. 173-174) ***Next Class: Quizzes→ PSD501- Frequency Tables & PPF503- Isosceles Triangles***

Tuesday, March 4th / Wednesday, March 5th

Learning Targets

- I can simplify higher roots. (SLOT 7)
- I can find the average, median, and mode from a frequency table.
- I can manipulate graphs, tables, and charts.
- I can determine the effects outliers will have on mean and median.

Today's Classwork ***Due: Next Class***	1. SLOT 6- Higher Roots (p. 18) 2. Mental Math: Perfect Squares 6 (p. 57) - no video 3. Investigation: Trigonometric Ratios (p. 79) - no video 4. Notes: Trigonometric Ratios 5. PSD 501 – Frequency Tables 3 (p. 189-191) 6. CER – Definitions and Properties 3- Undefined (hand-out)

Friday, February 28th / Monday, March 3rd

Learning Targets

- I can simplify higher roots. (SLOT 6)
- I can solve one-step problems fractions.
- I can solve multistep problems that involve planning.
- I can find the average, median, and mode from a frequency table.

- I can manipulate graphs, tables, and charts.
- I can determine the effects outliers will have on mean and median.

Today's Classwork ***Due: Next Class***	1. SLOT 5- Higher Roots (p. 18) 2. SLOT 5-Rational Expressions (p. 24) 3. Mental Math: Perfect Squares 5 (p. 57) - no video 4. PSD 501 – Frequency Tables 2 (p. 185-187) 5. **Quiz→BOA501-Multistep Problems**

Wednesday, February 26th / Thursday, February 27th

Learning Targets

- I can simplify rational expressions. (SLOT 5)
- I can simplify higher roots. (SLOT 5)
- I can solve one-step problems fractions.
- I can solve multistep problems that involve planning.
- I can determine if given side lengths create a triangle.
- I can use relationships between side lengths and angles to order side lengths and angles.
- I can use properties of isosceles triangles to solve for missing angles and sides.

Today's Classwork ***Due: Next Class***	1. SLOT 4- Higher Roots (p. 17) 2. Mental Math: Perfect Squares 4 (p. 56) - no video 3. Notes: Average vs. Median 4. PPF 503- Isosceles Triangles 2 (p. 171-172) 5. PSD 501- Frequency Tables 1 (p. 181-183) ***Next Class: Quiz→BOA501-Multistep Problems***

Monday, February 24th / Tuesday, February 25th

Learning Targets

- I can simplify rational expressions. (SLOT 4)
- I can solve one-step problems fractions.
- I can solve multistep problems that involve planning.
- I can determine if given side lengths create a triangle.
- I can use relationships between side lengths and angles to order side lengths and angles.
- I can use properties of isosceles triangles to solve for missing angles and sides.

Today's Classwork ***Due: Next Class***	1. SLOT 4- Rational Expressions (p. 23) 2. Mental Math: Perfect Squares 3 (p. 56) - no video 3. Notes: Isosceles Triangles 4. BOA 501- Multistep Problems 3 (p. 113-114) 5. PPF 503- Isosceles Triangles 1 (p. 169-170) 6. CER - Definitions and Properties 1- Pythagorean Theorem (hand-out) 7. CER - Definitions and Properties 2- Functions (hand-out) - no video

Thursday, February 20th / Friday, February 21st

Learning Targets

- I can simplify rational expressions. (SLOT 4)
- I can solve one-step problems fractions.
- I can solve multistep problems that involve planning.
- I can determine if given side lengths create a triangle.
- I can use relationships between side lengths and angles to order side lengths and angles.
- I can use properties of isosceles triangles to solve for missing angles and sides.

Today's Classwork ***Due: Next Class***	1. SLOT 3- Higher Roots (p. 17) 2. Mental Math: Perfect Squares 2 (p. 55) - no video 3. Investigation: Triangle Inequality (p. 91-92) - no video 4. Notes: Triangular Inequality 5. BOA 501- Multistep Problems 2 (p. 111-112) 6. CER- Calculations- Fitness Membership (hand-out) - no video 7. **Quiz→ PSD401- Missing Value Given Average**

Tuesday, February 18th / Wednesday, February 19th

Learning Targets

- I can simplify rational expressions. (SLOT 3)
- I can find a missing data value when given an average.
- I can solve one-step problems fractions.
- I can solve multistep problems that involve planning.

Today's Classwork ***Due: Next Class***	1. SLOT 3- Rational Expressions (p. 23) 2. Mental Math: Perfect Squares 1 (p. 55) - no video 3. Notes: Average and Median from a Frequency Table 4. PSD 401- Missing Value Given Average 3 (p. 179-180) 5. BOA 501- Multistep Problems 1 (p.109-110) 6. CER- Calculations 3- Buses (hand-out) ***Next Class: Quiz→ PSD401- Missing Value Given Average***

Friday, February 14th / Monday, February 17th

Learning Targets

- I can simplify higher roots. (SLOT 2)
- I can simplify rational expressions. (SLOT 2)
- I can solve systems by substitution and elimination.
- I can use multiple angle measure properties to solve for a missing angle.

Today's Classwork ***Due: Next Class***	1. SLOT 2- Higher Roots (p. 16) 2. SLOT 2- Rational Expressions (p. 22) 3. Mental Math: Two-Digit Addition 6 (p. 54) - no video 4. Notes: Solutions to Systems 5. Notes: Box and Whisker Plots 6. PSD 401- Missing Value Given Average 2 (p. 177-178) 7. CER- Calculations 1- Better Buy (hand-out) 8. **Quizzes→XEI606- Systems Skills***

Wednesday, February 12th / Thursday, February 13th

Learning Targets

- I can simplify higher roots. (SLOT 1)
- I can simplify rational expressions. (SLOT 1)
- I can solve systems by substitution and elimination.
- I can use multiple angle measure properties to solve for a missing angle.

Today's Classwork ***Due: Next Class***	1. SLOT 1- Higher Roots (p. 16) 2. SLOT 1- Rational Expressions (p. 22) 3. Mental Math: Two-Digit Addition 5 (p. 53) - no video 4. Notes: Solving Systems by Graphing 5. Classwork: Substitution (p. 93) 6. Finish Classwork Elimination evens only (p. 95-96) 7. **Quizzes→PPF501-Multiple Angle Measures** ***Next Class: Quizzes→XEI 606- Systems Skills***

Monday, February 10th / Tuesday, February 11th

Learning Targets

- I can solve quadratic equations. (SLOT 7)
- I can solve absolute value equations. (SLOT 8)
- I can name and identify pyramids and prisms.
- I can match nets with 3D objects.
- I can find the surface area of prisms and pyramids.
- I can find the volume of prisms and pyramids.
- I can convert measurements between different units.
- I can solve problems that involve converting units of measure.

Today's Classwork ***Due: Next Class***	1. SLOT 7- Solving Quadratic Equations (#5-8) (p. 15) 2. SLOT 8- Absolute Value (p. 8) 3. Mental Math: Two-Digit Addition 4 (p. 52) - no video 4. Notes: Substitution vs. Elimination 5. Classwork Elimination odds only (p. 95-96) 6. PSD 401- Missing Value Given Average 1 (p. 175-176) 7. PPF 501- Multiple Angle Measures 3 (p. 167-168) ***Next Class: Quizzes→PPF501-Multiple Angle Measures***

Wednesday, February 5th / Thursday, February 6th

Learning Targets

- I can solve quadratic equations. (SLOT 7)
- I can solve absolute value equations. (SLOT 8)
- I can name and identify pyramids and prisms.
- I can match nets with 3D objects.
- I can find the surface area of prisms and pyramids.
- I can find the volume of prisms and pyramids.
- I can convert measurements between different units.
- I can solve problems that involve converting units of measure.

Today's Classwork ***Due: Next Class***	1. SLOT 7- Absolute Value (p. 7) 2. SLOT 7- Solving Quadratic Equations (#1-4) (p. 15) 3. Mental Math: Two-Digit Addition 3 (p. 51) - no video 4. Notes: Missing Value Given Average 5. PPF 501- Multiple Angle Measures 2 (p. 165-166) 6. **Quizzes→ MEA 402- Geometric Formulas & BOA 501- Conversions**

Monday, February 3rd / Tuesday, February 4th

Learning Targets

- I can solve quadratic equations. (SLOT 6)
- I can solve absolute value equations. (SLOT 6)
- I can find the surface area of prisms and pyramids.
- I can find the volume of prisms and pyramids.

Today's Classwork ***Due: Next Class***	1. SLOT 6 - Absolute Value (p. 6) 2. SLOT 6- Solving Quadratic Equations (p. 14) 3. Mental Math: Two-Digit Addition 2 (p. 50) 4. Notes: Least Common Denominators Part 2 5. Notes: Solving Systems by Elimination Part 2 6. MEA 402- Geometric Formulas 3 (p. 143-144) ***Next Class: Quizzes→ MEA 402- Geometric Formulas & BOA 501- Conversions***

Thursday, January 30th / Friday, January 31st

Learning Targets

- I can solve quadratic equations. (SLOT 5)
- I can solve absolute value equations. (SLOT 5)
- I can find the surface area of prisms and pyramids.
- I can find the volume of prisms and pyramids.

Today's Classwork ***Due: Next Class***	1. SLOT 5 - Solving Quadratic Equations (p. 13) 2. SLOT 5 - Absolute Value (p. 5) 3. Mental Math: Two-Digit Addition 1 (p. 49) - no video 4. Notes: Solving Systems by Elimination Part 1 5. Notes: Least Common Denominators Part 1 6. MEA 402- Geometric Formulas 2 (p. 141-142) 7. BOA 501- Conversions 3 (p. 107-108) ***All page numbers reflect Semester 2 Binder****

Tuesday, January 28th / Wednesday, January 29th

Learning Targets

- I can solve quadratic equations. (SLOT 5)
- I can solve absolute value equations. (SLOT 5)
- I can find the surface area of prisms and pyramids.

- I can find the volume of prisms and pyramids.

Today's Classwork ***Due: Next Class***	1. ***Switch Binders (KEEP MIND MAPS p. 305-314, p. 119-120, p. 143-146, ALL Notes)*** 2. SLOT 4 - Solving Quadratic Equations (p. 12) 3. SLOT 4 - Absolute Value (p. 4) 4. Mental Math: Multiplication 2x1 4 (p. 68) - no video 5. Notes: Solving Systems by Substitution 6. MEA 402- Geometric Formulas 1 (p. 139-140) 7. PPF 501- Multiple Angle Measures 1 (p. 163-164) ***All page numbers reflect Semester 2 Binder****

Friday, January 24th / Monday, January 27th

Learning Targets

- I can solve quadratic equations. (SLOT 4)
- I can solve absolute value equations. (SLOT 4)
- I can find the area of a circle given necessary information.
- I can find the circumference of a circle given necessary information.
- I can solve problems involving area and circumference of circles.
- I can find the area of trapezoids

Today's Classwork ***Due: Next Class***	1. SLOT 3 – Solving Quadratic Equations (p. 62) 2. SLOT 3 – Absolute Value (p. 69) 3. Mental Math: Multiplication 2x1 3 (p. 107) - no video 4. Notes: Area of Trapezoid 5. Mind Map: Prisms and Pyramids (p. 308) 6. BOA 501- Conversions 2 (p. 145-146) 7. **MEA 502 Area and Circumference Quiz**

Wednesday, January 22nd / Thursday, January 23rd

Learning Targets

- I can solve quadratic equations. (SLOT 3)
- I can solve absolute value equations. (SLOT 3)
- I can find the area of a circle given necessary information.
- I can find the circumference of a circle given necessary information.
- I can solve problems involving area and circumference of circles.
- I can find the surface area of prisms and pyramids.
- I can find the volume of prisms and pyramids.

Today's Classwork ***Due: Next Class***	1. Notes: Pyramids – Surface Area and Volume 2. CW: Geometric Formulas- Prisms/Pyramids (p. 119-120) 3. MEA 502 Area and Circumference 3 (p. 209-210) 4. BOA 501 – Conversions 1 (p. 143-144) ***Next Class: Quiz→ MEA502- Area and Circumference****

Wednesday, January 15th / Thursday January 16th / Friday, January 17th

Today's Classwork ***Due: Next Class***	**1. Collect Benchmark Review p. 295-304** **2. Go to https://app.edulastic.com/login and complete "Math 2 Benchmark 2"** **3. Quietly work on other classes or read something when you are complete** **4. 1/15 - A1, A2, A4** **5. 1/16 - B1, B2, B4** **6. 1/17 - A3, B3**
Tuesday, January 14th	
Today's Classwork ***Due: Next Class***	1. Continue working on Benchmark Review p. 295-304 2. Complete any retakes still outstanding 3. Prepare for Finals
Friday, January 10th / Monday, January 13th	
Learning Targets ● I can solve quadratic equations. (SLOT 2) ● I can solve absolute value equations. (SLOT 2) ● I know the perfect squares of the numbers 1-15. ● I can simplify expressions that require adding/subtracting/multiplying/dividing radicals. ● I can estimate the value of a radical (between two whole numbers). ● I can solve problems involving radicals. ● I can identify parallel angle pairs and state their relationship. ● I can use parallel angle properties to solve for a missing angle. ● I can convert measurements between different units. ● I can solve problems that involve converting units of measure.	
Today's Classwork ***Due: Next Class***	1. SLOT 2 – Solving Quadratic Equations (p. 61) 2. SLOT 2 – Absolute Value (p. 68) 3. Mental Math: Multiplication 2x1 2 (p. 106) - no video 4. Notes: Prism – Surface Area and Volume 5. MEA 502 – Area and Circumference 2 (p. 207-208) 6. **Benchmark Review (p. 303-304) – Due Day of Benchmark Exam** 7. **Quizzes: PPF 401 – Parallel Line Properties and NCP 505 – Radicals NO CALCULATOR**
Wednesday, January 8th / Thursday, January 9th	
Learning Targets ● I can solve quadratic equations. (SLOT 1) ● I can solve absolute value equations. (SLOT 1) ● I know the perfect squares of the numbers 1-15. ● I can simplify expressions that require adding/subtracting/multiplying/dividing radicals. ● I can estimate the value of a radical (between two whole numbers). ● I can solve problems involving radicals. ● I can identify parallel angle pairs and state their relationship.	

- I can use parallel angle properties to solve for a missing angle.

Today's Classwork ***Due: Next Class***	1. SLOT 1 – Solving Quadratic Equations (p. 61) 2. SLOT 1 – Absolute Value (p. 67) 3. Mental Math: Multiplication 2x1 1 (p. 105) - no video 4. Notes: Polygon Sum Formula 5. PPF 401 – Parallel Line Properties 3 (p. 245-246) 6. NCP 505 – Square Roots 3 (p. 233-234) **NO CALCULATOR** 7. **Benchmark Review (p. 301-302) – Due Day of Benchmark Exam** ***Next Class: Quiz→ PPF 401 - Parallel Line Properties** ***Next Class: Quiz→ NCP 505 - Radicals NO CALCULATOR**

Monday, January 6th / Tuesday, January 7th

Learning Targets

- I can simplify radicals. (SLOT 13)
- I know the perfect squares of the numbers 1-15.
- I can simplify expressions that require adding/subtracting/multiplying/dividing radicals.
- I can estimate the value of a radical (between two whole numbers).
- I can solve problems involving radicals.
- I can find the area of a circle given necessary information.
- I can find the circumference of a circle given necessary information.
- I can solve problems involving area and circumference of circles.

Today's Classwork ***Due: Next Class***	1. SLOT 13 – Radicals (p. 55) 2. Mental Math: Making Change 6 (p. 104) 3. Notes: Circumference of Circles 4. NCP 505 – Square Roots 2 (p. 231-232)**NO CALCULATOR** 5. MEA 502 – Area and Circumference 1 (p. 205-206) **6. Benchmark Review (p. 298-300) – Due Day of Benchmark Exam** **7. Quiz→ XEI503- Zero Product Property**

Thursday, January 2nd / Friday, January 3rd

Learning Targets

- I can simplify radicals. (SLOT 12)
- I can solve quadratic equations using the zero product property.
- I can factor quadratic equations and then solve using the zero product property.
- I can simplify radicals.
- I know the perfect squares of the numbers 1-15.
- I can simplify expressions that require adding/subtracting/multiplying/dividing radicals.
- I can estimate the value of a radical (between two whole numbers).
- I can solve problems involving radicals.

Today's Classwork ***Due: Next Class***	1. SLOT 12 – Radicals (p. 54) 2. Mental Math: Making Change 5 (p. 104) 3. Mind-Map: Properties of Radicals (p. 310) 4. NCP 505 – Square Roots 1 (p. 229-230) **NO CALCULATOR** 5. XEI 503 – Zero Product Property 3 (p. 275-276) **6. Benchmark Review (p. 295-297) – Due Day of Benchmark Exam**

	***Next Class: Quiz→ XEI503- Zero Product Property**
Thursday, December 19th / Friday, December 20th	
Learning Targets ● I can simplify radicals. (SLOT 11) ● I can solve quadratic equations using the zero product property. ● I can factor quadratic equations and then solve using the zero product property. ● I can identify parallel angle pairs and state their relationship. ● I can use parallel angle properties to solve for a missing angle.	
Today's Classwork ***Due: Next Class***	1. SLOT 11 – Radicals (p. 53) 2. Mental Math: Making Change 4 (p. 103) 3. Notes: Area of Circles 4. XEI 503 – Zero Product Property 2 (p. 273-274) 5. PPF 401: Parallel Line Properties 2 (p. 243-244) 6. **Quiz→ NCP504-Scientific Notation**
Tuesday, December 17th / Wednesday, December 18th	
Learning Targets ● I can simplify radicals. (SLOT 10) ● I can apply rules of exponents to simplify expressions. ● I can write numbers in scientific notation. ● I can add, subtract, multiply, and divide numbers in scientific notation. ● I can solve problems involving scientific notation. ● I can identify parallel angle pairs and state their relationship. ● I can use parallel angle properties to solve for a missing angle.	
Today's Classwork ***Due: Next Class***	1. SLOT 10 – Radicals (p. 52) 2. Mental Math: Making Change 3 (p. 103) 3. Notes: Parallel Line Properties 4. PPF 401 – Parallel Line Properties 1 (p. 241-242) 5. NCP 504 – Scientific Notation 3 (p. 227-228) 6. **Quiz→ NCP506-Exponents** ***Next Class: Quiz→ NCP504-Scientific Notation***
Friday, December 13th / Monday, December 16th	
Learning Targets ● I can simplify radicals. (SLOT 9) ● I can apply rules of exponents to simplify expressions. ● I can solve quadratic equations using the zero product property. ● I can factor quadratic equations and then solve using the zero product property.	
Today's	1. SLOT 9 – Radicals (p. 51) 2. Mental Math: Making Change 2 (p. 102)

Classwork ***Due: Next Class***	3. Mind-Map: Zero Product Property (p. 312) 4. XEI 503 – Zero Product Property 1 (p. 271-272) 5. NCP 506 – Exponents 3 (p. 239-240) 6. Non-Routine - no video ***Next Class: Quiz→ NCP506-Exponents***

Wednesday, December 11th / Thursday, December 12th

Learning Targets

- I can simplify radicals. (SLOT 8)
- I can convert measurements between different units. (SLOT 8)
- I can write numbers in scientific notation.
- I can add, subtract, multiply, and divide numbers in scientific notation.
- I can solve problems involving scientific notation.
- I can find the area of a triangle when additional steps are needed.
- I can find the area of a rectangle when additional steps are needed.
- I can identify basic angle relationships.
- I can use basic angle relationships to find missing angle measurements.

Today's Classwork ***Due: Next Class***	1. SLOT 8 – Radicals (p. 50) 2. SLOT 8 – Conversions (p. 59) 3. Mental Math: Making Change 1 (p. 102) - no video 4. Investigation: Zero Product Property 3 (p. 125) - no video 5. Notes: Zero Product Property (Part 3) 6. NCP 504 – Scientific Notation 2 (p. 225-226) 7. Non-Routine - no video 8. **Quizzes→ MEA501-Area with Additional Steps and PPF402-Angle Properties***

Monday, December 9th / Tuesday, December 10th

Learning Targets

- I can simplify radicals. (SLOT 7)
- I can convert measurements between different units. (SLOT 7)
- I can apply rules of exponents to simplify expressions.
- I can identify basic angle relationships.
- I can use basic angle relationships to find missing angle measurements.

Today's Classwork ***Due: Next Class***	1. SLOT 7 – Radicals (p. 49) 2. SLOT 7 – Conversions (p. 59) 3. Mental Math: Percents 8 (p. 101) 4. Notes: Parallel Line Vocabulary 5. Investigation: Zero Product Property 2 (p. 124) - no video 6. Notes: Zero Product Property (Part 2) 7. PPF 402 – Angle Properties 2 (p. 249-250) 8. NCP 506 – Exponents 2 (p. 237-238) ***Next Class: Quizzes→ MEA501-Area with Additional Steps and PPF402-Angle Properties***

Thursday, December 5th / Friday, December 6th

Learning Targets

- I can simplify radicals. (SLOT 6)
- I can convert measurements between different units. (SLOT 6)
- I can write numbers in scientific notation.
- I can add, subtract, multiply, and divide numbers in scientific notation.
- I can solve problems involving scientific notation.
- I can find the area of a triangle when additional steps are needed.
- I can find the area of a rectangle when additional steps are needed.

Today's Classwork ***Due: Next Class***	1. SLOT 6 – Radicals (p. 48) 2. SLOT 6 – Conversions (p. 58) 3. Mental Math: Percents 7 (p. 101) 4. Investigation: Zero Product Property 1 (p. 123) - no video 5. Notes: Zero Product Property (Part 1) 6. NCP 504 – Scientific Notation 1 (p. 223-224) 7. MEA 501 – Area with Additional Steps 3 (p. 203-204)

Tuesday, December 3rd / Wednesday, December 4th

Learning Targets

- I can simplify radicals. (SLOT 5)
- I can convert measurements between different units. (SLOT 5)
- I can apply rules of exponents to simplify expressions.
- I can identify basic angle relationships.
- I can use basic angle relationships to find missing angle measurements.

Today's Classwork ***Due: Next Class***	1. SLOT 5 – Radicals (p. 47) 2. SLOT 5 – Conversions (p. 58) 3. Mental Math: Percents 6 (p. 100) 4. Mind-Map: Exponents (p. 311) 5. NCP 506 – Exponents 1 (p. 235-236) 6. Notes: Angle Properties 7. PPF 402 – Angle Properties 1 (p. 247-248)

Tuesday, November 26th / Monday, December 2nd

Learning Targets

- I can simplify radicals. (SLOT 4)
- I can convert measurements between different units. (SLOT 4)
- I can determine if 3 sides form a right triangle.
- I can use Pythagorean Theorem to find the missing side of a triangle.
- I can use the Pythagorean Theorem to solve real-world problems.
- I can write ratios for a given set of quantities.
- I can solve problems by using a proportion.
- I can solve ratio problems by using proportions.
- I can find the area of a triangle when additional steps are needed.
- I can find the area of a rectangle when additional steps are needed.

Today's Classwork ***Due: Next Class***	1. SLOT 4 – Radicals (p. 46) 2. SLOT 4 – Conversions (p. 57) 3. Mental Math: Percents 5 (p. 100) 4. MEA 501 – Area with Additional Steps 2 (p. 201-202) 5. **Quizzes→ PPF 602-Pythagorean Theorem & BOA 401-Ratios and Proportions** 6. Non-Routine - no video

Friday, November 22nd / Monday, November 25th

Learning Targets

- I can simplify radicals. (SLOT 3)
- I can convert measurements between different units. (SLOT 3)
- I can determine if 3 sides form a right triangle.
- I can use Pythagorean Theorem to find the missing side of a triangle.
- I can use the Pythagorean Theorem to solve real-world problems.
- I can write ratios for a given set of quantities.
- I can solve problems by using a proportion.
- I can solve ratio problems by using proportions.

Today's Classwork ***Due: Next Class***	1. SLOT 3 – Radicals (p. 46) 2. SLOT 3 – Conversions (p. 57) 3. Mental Math: Percents 4 (p. 99) 4. Notes: Scientific Notation – Distance = Rate x Time 5. BOA 401 – Ratios and Proportions 2 (p. 141-142) 6. PPF 602 – Pythagorean Theorem 2 (p. 253-254) **Next Class: Quizzes→ PPF602-Pythagorean Theorem & BOA401-Ratios and Proportions**

Wednesday, November 20th / Thursday, November 21st

Learning Targets

- I can simplify radicals. (SLOT 2)
- I can convert measurements between different units. (SLOT 2)
- I can determine if 3 sides form a right triangle.
- I can use Pythagorean Theorem to find the missing side of a triangle.
- I can use the Pythagorean Theorem to solve real-world problems.
- I can find the area of a triangle when additional steps are needed.
- I can find the area of a rectangle when additional steps are needed.

Today's Classwork ***Due: Next Class***	1. SLOT 2 – Radicals (p. 45) 2. SLOT 2 – Conversions (p. 56) 3. Mental Math: Percents 3 (p. 99) 4. PPF 602 – Pythagorean Theorem 1 (p. 251-252) 5. MEA 501 – Area with Additional Steps 1 (p. 199-200) 6. **Quizzes→ XEI504-Operations with Polynomials & NCP501-LCM/GCF**

Monday, November 18th / Tuesday, November 19th

Learning Targets

- I can simplify radicals. (SLOT 1)
- I can convert measurements between different units. (SLOT 1)
- I can add, subtract, and multiply polynomials.
- I can apply exponents to polynomials.
- I can solve problems involving polynomials.
- I can find the least common multiple.
- I can find the greatest common factor.
- I can use the LCM or GCF in a real-world problem.

Today's Classwork ***Due: Next Class***	1. SLOT 1 – Radicals (p. 45) 2. SLOT 1 – Conversions (p. 56) ○ Conversion Factors Sheet (p. 60) 3. Mental Math: Percents 2 (p. 98) 4. Notes: Pythagorean Theorem 5. XEI 504 – Operations with Polynomials 3 (p. 281-282) 6. NCP 501 – LCM/GCF 3 (p. 221-222) ***Next Class: Quizzes→ XEI504-Operations with Polynomials & NCP501-LCM/GCF**

Thursday, November 14th / Friday, November 15th

Learning Targets

- I can use exponent rules. (SLOT 14)
- I can add, subtract, and multiply polynomials.
- I can apply exponents to polynomials.
- I can solve problems involving polynomials.
- I can write ratios for a given set of quantities.
- I can solve problems by using a proportion.
- I can solve ratio problems by using proportions.

Today's Classwork ***Due: Next Class***	1. SLOT 14 - Exponents (p. 37) 2. Mental Math: Percents 1 (p. 98) 3. Notes: Ratios and Proportions 4. BOA 401 – Ratios and Proportions 1 (p. 139-140) 5. XEI 504 – Operations with Polynomials 2 (p. 279-280) 6. NCP 501 – LCM/GCF 2 (p. 219-220) *Finish* 7. Non-Routine - no video

Tuesday, November 12th / Wednesday, November 13th

Learning Targets

- I can use exponent rules. (SLOT 13)
- I can find the least common multiple.
- I can find the greatest common factor.
- I can use the LCM or GCF in a real-world problem.
- I can add, subtract, and multiply polynomials.
- I can apply exponents to polynomials.

- I can solve problems involving polynomials.

Today's Classwork ***Due: Next Class***	1. SLOT 13 – Exponents (p. 36) 2. Mental Math: Division 6 (p. 97) - no video 3. Notes: Area and Perimeter of Rectangles, Triangles, and Parallelograms 4. Mind-Map: Operations on Polynomials (p. 313) 5. XEI 504 – Operations with Polynomials 1 (p. 277-278) 6. NCP 501 – LCM/GCF 2 (p. 219-220) *Start* 7. **Quizzes: XEI501/502- Applications of Linear Equations & GRE504-Midpoints**

Friday, November 8th / Monday, November 11th

Learning Targets

- I can use exponent rules. (SLOT 11)
- I can solve and graph inequalities. (SLOT 6)
- I can find a midpoint between two points.
- I can solve linear equations.
- I can write equations relating distance, rate, and time.
- I write equations and expressions involving percentages.
- I can use real-world equations to solve problems.

Today's Classwork ***Due: Next Class***	1. SLOT 12- Exponents (p. 35) 2. SLOT 7- Inequalities (p. 44) 3. Mental Math: Division 5 (p. 96) - no video 4. Notes: Multiplying Polynomials 5. Notes: Least Common Multiple 6. NCP 501 – LCM/GCF - 1 (p. 217-218) ***Next Class: Quizzes: XEI 501/502- Applications of Linear Equations & GRE504-Midpoints***

Wednesday, November 6th / Thursday, November 7th

Learning Targets

- I can use exponent rules. (SLOT 10)
- I can solve and graph inequalities. (SLOT 5)

Today's Classwork ***Due: Next Class***	1. SLOT 11 – Exponents (p. 34) 2. SLOT 6 – Inequalities (p. 43) 3. Mental Math: Division 4 (p. 95) - no video 4. XEI 501/502 – Application of Linear Equations 3 (p. 269-270) 5. Missing Work / Make up quizzes / quiz retakes

Monday, November 4th / Tuesday, November 5th

Learning Targets

- I can use exponent rules. (SLOT 9)
- I can solve and graph inequalities. (SLOT 4)

- I can write numbers in scientific notation.
- I can add, subtact, multiply, and divide numbers in scientific notation.
- I can factor simple trinomials.
- I can solve linear equations.
- I can write equations relating distance, rate, and time.
- I write equations and expressions involving percentages.
- I can use real-world equations to solve problems.

Today's Classwork ***Due: Next Class***	1. SLOT 10 – Exponents (p. 33) 2. SLOT 5 – Inequalities (p. 42) 3. Mental Math: Division 3 (p. 94) - no video 4. Notes: Adding/Subtracting Polynomials 5. GRE 504 – Midpoint 3 (p. 191-192) 6. **Quizzes→ NCP 504 - Scientific Notation- Operations & XEI 505 - Factoring**

Wednesday, October 30th / Thursday, October 31st

Learning Targets

- I can use exponent rules. (SLOT 10)
- I can solve and graph inequalities. (SLOT 5)

Today's Classwork ***Due: Next Class***	1. SLOT 9 – Exponents (p. 33) 2. SLOT 4 – Inequalities (p. 41) 3. Mental Math: Division 2 (p. 93) - no video 4. **Benchmark 1 Exam** - Edulastic 5. XEI 501/502 – Application of Linear Equations 2 (p. 267-268) ***Next Class: Quizzes→ NCP 504 - Scientific Notation- Operations & XEI 505 - Factoring***

Monday, October 28th / Tuesday, October 29th

Learning Targets

- I can use exponent rules. (SLOT 8)
- I can solve and graph inequalities. (SLOT 3)
- I can write numbers in scientific notation.
- I can add, subtact, multiply, and divide numbers in scientific notation.
- I can factor simple trinomials.
- I can solve linear equations.
- I can write equations relating distance, rate, and time.
- I write equations and expressions involving percentages.
- I can use real-world equations to solve problems.

Today's Classwork ***Due: Next Class***	1. SLOT 8 – Exponents (p. 32) 2. SLOT 3 – Inequalities (p. 40) 3. Mental Math: Division 1 (p. 92) - no video 4. Review: Scientific Notation 1-10 (p. 122) - no video 5. XEI 501/502 – Application of Linear Equations 1 (p. 263-266) ○ ***Do problems #1-8 in 360 skills*** 6. XEI 505 – Factoring 3 (p. 287-288)

	7. Finish Benchmark Review (pg. 289-293) ***Coming up: Benchmark 1 Test→ Wednesday, October 30th / Thursday, October 31st**

Thursday, October 24th / Friday, October 25th

Learning Targets

- I can use exponent rules. (SLOT 7)
- I can solve and graph inequalities. (SLOT 2)
- I can write numbers in scientific notation.
- I can add, subtact, multiply, and divide numbers in scientific notation.
- I can find the greatest common factor from a list of terms including variables.
- I can factor out the greatest common factor from an expression.

Today's Classwork ***Due: Next Class***	1. SLOT 7 – Exponents (p. 32) 2. SLOT 2 – Inequalities (p. 39) 3. Mental Math: Multiplication 6 (p. 91) - no video 4. Mind-Map: Scientific Notation – Operations (p. 309) 5. Review: Scientific Notation 1-10 (p. 121) - no video 6. NCP 401 – GCF 1 (p. 215-216) 7. Begin XEI 501/502 – Application of Linear Equations 1 (p. 263-266) ○ ***Do problems #1-8 in 180 skills*** 8. Benchmark Review (p. 292-293) - no video ***Coming up: Benchmark 1 Test→ Wednesday, October 30th / Thursday, October 31st**

Tuesday, October 22nd / Wednesday, October 23rd

Learning Targets

- I can use exponent rules. (SLOT 6)
- I can solve and graph inequalities. (SLOT 1)
- I can find a midpoint between two points.
- I can factor simple trinomials.

Today's Classwork ***Due: Next Class***	1. SLOT 6 – Exponents (p. 31) 2. SLOT 1 – Inequalities (p. 38) 3. Mental Math: Multiplication 5 (p. 90) - no video 4. Notes: Adding/Subtracting Scientific Notation 5. Notes: Greatest Common Factor 6. XEI 505 – Factoring 2 (p. 285-286) 7. GRE 504 – Midpoint 2 (p. 189-190) 8. Benchmark Review (p.290-291) – no video

Friday, October 18th / Monday, October 21st

Learning Targets

- I can solve equations with fractions. (SLOT 10)
- I can use exponent rules. (SLOT 5)
- I can find a midpoint between two points.

- I can write the equation of a line in slope-intercept form a graph.
- I can graph linear equations of any form, including horizontal and vertical lines.
- I can write an equation of a line through two-points.
- I graph the solution set of an inequality.
- I can express an inequality in interval notation.
- I write an inequality for a graph or interval notation.
- I can solve an inequality algebraically.

Today's Classwork ***Due: Next Class***	1. SLOT 10 – Solving Equations with Fractions (p. 28) 2. SLOT 5 – Exponents (p. 31) 3. Mental Math: Multiplication 4 (p. 89) - no video 4. Notes: Distance, Rate, Time 5. Notes: Scientific Notation – Dividing 6. GRE 504 – Midpoint 1 (p. 187-188) 7. Benchmark Review (p.289) - no video 8. **Quizzes→ GRE501/602- Inequalities & GRE503- Linear Graph Skills**

Wednesday, October 16th / Thursday, October 17th

Learning Targets

- I can solve equations with fractions. (SLOT 9)
- I can use exponent rules. (SLOT 4)
- I can factor simple trinomials.
- I can factor difference of squares.
- I can factor trinomials that require factoring out a GCF.
- I can write the equation of a line in slope-intercept form a graph.
- I can graph linear equations of any form, including horizontal and vertical lines.
- I can write an equation of a line through two-points.

Today's Classwork ***Due: Next Class***	1. Math 2 Review Pop Quiz (Complete as the warm up) 2. SLOT 9 – Solving Equations with Fractions (p. 27) 3. SLOT 4 – Exponents (p. 30) 4. Mental Math: Multiplication 3 (p. 88) - no video 5. Mind-Map: Factoring (p. 314) (Use blank page to map diagram) 6. XEI 505 – Factoring 1 (p. 283-284) 7. Notes: Scientific Notation Intro 8. Notes: Scientific Notation - Multiplication 9. GRE 503 – Linear Graph Skills 3 (p. 185-186) ***Next Class: Quizzes→ GRE501/602- Inequalities & GRE503- Linear Graph Skills***

Monday, October 14th / Tuesday, October 15th

Learning Targets

- I can solve equations with fractions. (SLOT 8)
- I can use exponent rules. (SLOT 3)
- I can factor simple trinomials.
- I graph the solution set of an inequality.
- I can express an inequality in interval notation.
- I write an inequality for a graph or interval notation.

- I can solve an inequality algebraically.
- I can evaluate inputs and outputs of functions expressed as equations, tables, and graphs.
- I can determine whether or not a representation is a function.

Today's Classwork ***Due: Next Class***	1. SLOT 8 – Solving Equations with Fractions (p. 26) 2. SLOT 3 – Exponents (p. 30) 3. Mental Math: Multiplication 2 (p. 87) - no video 4. Notes: Midpoint on a Coordinate Plane 5. Investigation 5: Factoring GCF First (p. 133-134) 6. Notes: Factoring Trinomials (GCF First) 7. GRE 501/602 – Inequalities 3 (p. 173-174) 8. **Quiz: FUN 501 - Functions**

Thursday, October 10th / Friday, October 11th

Learning Targets

- I can solve equations with fractions. (SLOT 7)
- I can use exponent rules. (SLOT 2)
- I can factor simple trinomials.
- I can write the equation of a line in slope-intercept form a graph.
- I can graph linear equations of any form, including horizontal and vertical lines.
- I can write an equation of a line through two-points.
- I can evaluate inputs and outputs of functions expressed as equations, tables, and graphs.
- I can determine whether or not a representation is a function.

Today's Classwork ***Due: Next Class***	1. SLOT 7 – Solving Equations with Fractions (p. 25) 2. SLOT 2 – Exponents (p. 29) 3. Mental Math: Multiplication 1 (p. 86) - no video 4. Investigation 4: Factoring w/ a-value (p. 131-132) 5. Notes: Factoring Trinomials (Inv. 4- Factoring w/ a-value) 6. GRE 503 – Linear Graph Skills 2 (p. 183-184) 7. FUN 501 – Functions 3 (p. 157-160) 8. Non-Routine - no video ***Next Class: QUIZ→ FUN 501- Functions***

Tuesday, October 8th / Wednesday, October 9th

Learning Targets

- I can solve equations with fractions. (SLOT 6)
- I can use exponent rules. (SLOT 1)
- I can factor simple trinomials.
- I can write the equation of a line in slope-intercept form a graph.
- I can graph linear equations of any form, including horizontal and vertical lines.
- I can write an equation of a line through two-points.

Today's Classwork ***Due: Next***	1. SLOT 6 – Solving Equations with Fractions (p. 24) 2. SLOT 1-Exponents (p. 29) 3. Mental Math: Integers 12 (p. 85) - no video 4. Investigation 2: Factoring Trinomials (+/-) (p. 127-128) 5. Investigation 3: Factoring Difference of Squares (p. 129-130)

Class	6. Notes: Factoring Trinomials (Investigation 2&3) 7. Mind-Map: Graphing Lines (p. 307) 8. GRE 503 – Linear Graph Skills 1 (p. 179-182)
Friday, October 4th / Monday, October 7th	
Learning Targets ● I can solve linear equations. (SLOT 13) ● I can evaluate inputs and outputs of functions expressed as equations, tables, and graphs. ● I can determine whether or not a representation is a function. ● I graph the solution set of an inequality. ● I can express an inequality in interval notation. ● I write an inequality for a graph or interval notation. ● I can solve an inequality algebraically.	
Today's Classwork ***Due: Next Class***	1. SLOT 13 – Linear Equations (p. 10) 2. Mental Math: Integers 11 (p. 84) - no video 3. Notes: Equations from Two-Points 4. GRE 501/602 – Inequalities 2 (p. 171-172) 5. FUN 501 – Functions 2 (p. 153-156) **6. Quiz→ GRE 502 – Slope of Points and Equations**
Wednesday, October 2nd / Thursday, October 3rd	
Learning Targets ● I can solve linear equations. (SLOT 12) ● I can solve equations with fractions. (SLOT 5) ● I can graph horizontal and vertical lines. ● I can write an equation for a horizontal or vertical line. ● I can find the slope given two points. ● I can find a missing coordinate given the slope. ● I can multiply binomials.	
Today's Classwork ***Due: Next Class***	1. SLOT 12 – Linear Equations (p. 10) 2. SLOT 5 – Solving Equations with Fractions (p. 23) 3. Mental Math: Integers 10 (p. 83) - no video 4. Investigation: Horizontal and Vertical Lines (p. 117-118) 5. Notes: Horizontal and Vertical Lines 6. Notes: Multiplying Binomials 7. XEI 405 – Multiplying Binomials 1 (p. 261-262) 8. GRE 502 – Slope of Points and Equations 2 (p. 177-178) ***Next Class: QUIZ→ GRE 502 - Slope of Points and Equations**
Monday, September 30th / Tuesday, October 1st	
Learning Targets ● I can solve linear equations. (SLOT 11) ● I can evaluate inputs and outputs of functions expressed as equations, tables, and graphs. ● I can determine whether or not a representation is a function.	

- I graph the solution set of an inequality.
- I can express an inequality in interval notation.
- I write an inequality for a graph or interval notation.
- I can solve an inequality algebraically.

Today's Classwork ***Due: Next Class***	1. SLOT 11 – Linear Equations (p. 9) 2. Mental Math: Integers 9 (p. 83) - no video 3. Mind-Map: Functions (p. 306) 4. Notes: Graphing y = mx + b 5. Notes: Graphing with X and Y Intercepts 6. FUN 501 – Functions 1 (p. 149-152) 7. GRE 501/602 – Inequalities 1 (p. 169-170)

Wednesday, September 25th / Thursday, September 26th

Learning Targets

- I can solve linear equations. (SLOT 10)
- I can solve percent equations.
- I can find a percent increase/decrease.
- I can solve problems involving sales price and tax.
- I can find the slope given two points.
- I can find a missing coordinate given the slope.

Today's Classwork ***Due: Next Class***	1. SLOT 10 – Linear Equations (p. 8) 2. Mental Math: Integers 8 (p. 82) - no video 3. Notes: Inequalities 4. Notes: Functions on Tables/Graphs 5. GRE 502 – Slope of Points and Equations 1 (p. 175-176) 6. **QUIZ→ BOA 401- Percents**

Monday, September 23rd / Tuesday, September 24th

Learning Targets

- I can solve linear equations. (SLOT 9)
- I can simplify absolute value expressions using order of operations that require multiple steps.
- I can write expressions using absolute value to represent the distance between two numbers.
- I can solve percent equations.
- I can find a percent increase/decrease.
- I can solve problems involving sales price and tax.

Today's Classwork ***Due: Next Class***	1. SLOT 9 – Linear Equations (p. 7) 2. Mental Math: Integers 7 (p. 81) - no video 3. Notes: Standard Form to Slope Intercept Form 4. Notes: Substituting Integers Into Polynomials 5. BOA 401 – Percents 2 (p. 137-138) 6. **QUIZ→ NCP 401- Absolute Value** ***Next Class: QUIZ→ BOA 401- Percents***

Wednesday, September 18th / Thursday, September 19th

Learning Targets

- I can solve linear equations. (SLOT 8)
- I can add/subtract mixed numbers. (SLOT 8)
- I can simplify absolute value expressions using order of operations that require multiple steps.
- I can write expressions using absolute value to represent the distance between two numbers.
- I can solve percent equations.
- I can find a percent increase/decrease.
- I can solve problems involving sales price and tax.

Today's Classwork ***Due: Next Class***	1. SLOT 8 – Linear Equations (p. 6) 2. SLOT 8 – Fractions (p. 18) 3. Mental Math: Integers 6 (p. 81) - no video 4. Mind-Map: Percent Problems (BOA 401) (p. 305) 5. BOA 401 – Percents 1 (p. 135-136) 6. NCP 401 – Absolute Value 2 (p. 213-214) 7. **Quiz: GRE 403 – Slope** 8. **Quiz: GRE 403 – Parallel and Perpendicular Slopes** ***Next Class: QUIZ→ NCP 401- Absolute Value***

Monday, September 16th / Tuesday, September 17th

Learning Targets

- I can solve linear equations. (SLOT 7)
- I can add/subtract mixed numbers. (SLOT 7)
- I can find the slope from a graph and a table.
- I can plot slope from a graph.
- I can estimate slope from a graph.
- I can find slopes of lines that are parallel or perpendicular.
- I can graph lines parallel or perpendicular to another line through a given point.
- I can write equations that are parallel or perpendicular to a given equation.

Today's Classwork ***Due: Next Class***	1. SLOT 7 – Linear Equations (p. 5) 2. SLOT 7 – Fractions (p. 17) 3. Mental Math: Integers 5 (p. 80) 4. Notes: Percent Equations 5. Notes: Percent Increase/ Decrease with Sales Price, Tax, Tip 6. Notes: Two-Points to Slope 7. GRE 403 – Slope 2 (p. 163-164) 8. GRE 403 – Parallel and Perpendicular Slope 2 (p. 167-168) ***Next Class: QUIZZES→ GRE 403- Slope and GRE 403- Parallel and Perpendicular Slopes***

Thursday, September 12th / Friday, September 13th

Learning Targets

- I can solve linear equations. (SLOT 6)
- I can divide fractions. (SLOT 6)
- I can find the slope from a graph and a table.
- I can plot slope from a graph.
- I can estimate slope from a graph.

- I can find slopes of lines that are parallel or perpendicular.
- I can graph lines parallel or perpendicular to another line through a given point.
- I can write equations that are parallel or perpendicular to a given equation.

Today's Classwork ***Due: Next Class***	1. SLOT 6 – Linear Equations (p. 4) 2. SLOT 6 – Fractions (p. 16) 3. Mental Math: Integers 4 (p. 79) - no video 4. Notes: Slope 5. Notes: Parallel and Perpendicular 6. GRE 403 – Slope 1 (p. 161-162) 7. GRE 403 – Parallel and Perpendicular Slope 1 (165-166) **8. Quiz: XEI 401 - Integers**

Tuesday, September 10th / Wednesday, September 11th

Learning Targets

- I can solve linear equations. (SLOT 3)
- I can add, subtract, and multiply fractions. (SLOT 2 & 4)
- Exhibit knowledge of absolute value (NCP 401)

Today's Classwork ***Due: Next Class***	1. SLOT 4 – Linear Equations (p. 3) 2. SLOT 5 – Linear Equations (p. 4) 3. SLOT 5 – Fractions (p. 15) 4. Mental Math: Integers 3 (p. 79) - no video 5. Notes: Absolute Value 6. NCP 401 – Absolute Value 1 (p. 211-212) 7. XEI 401 – Integers 2 (p. 259-260) 8. Non-Routine - no video ***Next Class: QUIZ→ XEI 401- Integers***

Friday, September 6th / Monday, September 9th

Learning Targets

- I can solve linear equations. (SLOT 3)
- I can add, subtract, and multiply fractions. (SLOT 2 & 4)

Today's Classwork ***Due: Next Class***	1. SLOT 3- Linear Equations (pg. 2) 2. SLOT 2 - Fractions (pg. 12) 3. SLOT 4 - Fractions (pg. 14) 4. Mental Math: Integers 2 (pg.78) - no video 5. Pre-test (Edulastic) 6. Non-Routine - no video

Wednesday, September 4th / Thursday, September 5th

Learning Targets

- I can solve linear equations. (SLOT 1 & 2)
- I can add, subtract, and multiply fractions. (SLOT 1 & 3)

• I can substitute integers and then evaluate basic operations.	
Today's Classwork ***Due: Next Class***	1. SLOT 1– Linear Equations (p. 1) 2. SLOT 2– Linear Equations (p. 1) 3. SLOT 1– Fractions (p. 11) 4. SLOT 3- Fractions (p. 13) 5. Mental Math: Integers 1 (p. 77) 6. Notes: Order of Operations 7. Notes: Substituting Integers 8. XEI 401 – Integers 1 (p. 257-258) 9. Non-Routine Problem - no video