

Math 20-1: February 2017 - June 2017				
Monday	Tuesday	Wednesday	Thursday	Friday
30	31	1 F E B	2	3
		Quadratic Functions in Vertex Form: $y = a(x - p)^2 + q$	Quadratic Functions in Vertex Form: (day 2)	Quadratic Functions in Standard Form: $y = ax^2 + bx + c$
6	7	8	9	10
Determine the vertex from standard form.	Problem Solving: Minimum and Maximum Problems	Problem Solving: Minimum and Maximum Problems and Quiz	Unit Review: Quadratic Functions	<b>Quadratic Functions Exam</b>
13	14	15	16	17
Solving Quadratic Equations using Graphing	Solving Quadratic Equations using Factoring	Introduction to the Quadratic Formula and Discriminant	<b>No School: Convention</b>	<b>No School: Convention</b>
20	21	22	23	24
<b>No School: Family Day</b>	<b>No School: Staff Work Day</b>	Unit Review and Quiz	Solving Word Problems with Quadratic Equations	Solving Word Problems and intro to higher order of factoring
27	28	1 M A R	2	3
Unit Review: Quadratic Equations	<b>Quadratic Equations Exam</b>	Review: Converting between Entire Radicals, Mixed Radicals, Reducing Radicals	Adding and Subtracting Radical Expressions	Multiplying Radical Expressions
6	7	8	9	10
Dividing Radical Expressions (single term base)	Dividing Radical Expressions (two term base)	Review and Quiz: Radical Expressions	Solving Radical Equations	Unit Review: Radical Equations and Expressions
13	14	15	16	17
<b>Radical Expressions and Equations Exam</b>	Angles in Standard Position. Principal and Reference Angles	Trigonometric Ratios of any Angle: $0^\circ$ to $360^\circ$ (CAST RULE)	Review and then Quiz on CAST Rule and Trig Ratios from $0^\circ$ to $360^\circ$	Sine Law (non-ambiguous case)
20	21	22	23	24
Cosine Law	Sine Law (ambiguous case) and problem-solving with non-right angle triangles	Review and then Quiz on Problem-Solving with non-right angle triangles	<b>Trigonometry Exam</b>	<b>No School: Staff Work Day</b>
27	28	29	30	31
<b>No School: Spring Break</b>	<b>No School: Spring Break</b>	<b>No School: Spring Break</b>	<b>No School: Spring Break</b>	<b>No School: Spring Break</b>
3	4	5	6	7
Review: Operations with Fractions and Non-Permissible Values	Multiplying and Dividing Rational Expressions (Day 1)	Multiplying and Dividing Rational Expressions (Day 2)	Adding and Subtracting Rational Expressions (Day 1)	Adding and Subtracting Rational Expressions (Day 2)
10	11	12	13	14
Additional Practice and Quiz on Rational Expressions	Solving Rational Equations (Day 1)	Solving Rational Equations (Day 2)	Solving Word Problems using Rational Expressions	<b>No School: Good Friday</b>

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Monday	Tuesday	Wednesday	Thursday	Friday
17	18	19	20	21
<b>No School: Easter Monday</b>	Unit Review: Rational Equations and Expressions and Quiz	Unit Review: Rational Equations and Expressions	<b>Rational Expressions and Equations Exam</b>	<b>No School: Staff Work Day</b>
24	25	26	27	28
Linear/Quadratic Inequalities. One variable (notation, line graphs, plane)	Linear/Quadratic Inequalities. Two variable (graphs)	Problem Solving with Linear and Quadratic Inequalities	Unit Review and Quiz	<b>Linear and Quadratic Inequalities Exam</b>
1	2	3	4	5
M A Y	Cumulative Review	Cumulative Review	Cumulative Review	<b>Cumulative Test</b>
8	9	10	11	12
Absolute Value of Linear and Quadratic Functions (Day 1)	Absolute Value of Linear and Quadratic Functions (Day 2)	Solving Absolute Value Equations	Reciprocal of Linear and Quadratic Functions (Day 1)	<b>No School: Staff Work Day</b>
15	16	17	18	19
Reciprocal of Linear and Quadratic Functions (Day 2)	Unit Review: Absolute Value and Reciprocal Equations and Expressions	Unit Review: Absolute Value and Reciprocal Equations and Expressions	<b>Absolute Value and Reciprocal Expressions and Equations Exam</b>	<b>No School: Day in Lieu</b>
22	23	24	25	26
<b>No School: Victoria Day</b>	Solving Systems of Linear and Quadratic Equations Graphically (Day 1)	Review from Math 10C: Solving Systems of Linear Equations using Elimination and Substitution	Algebraically Solving Systems of Linear and Quadratic Equations (Day 1)	Algebraically Solving Systems of Linear and Quadratic Equations (Day 2)
29	30	31	1	2
<b>System of Equations Exam</b>	Arithmetic Sequences	J U N	Arithmetic Series	J U N
5	6	7	8	9
Geometric Series	Infinite Geometric Series	Problem Solving with Arithmetic and Geometric Sequences and Series	Unit Review: Arithmetic and Geometric Sequences and Series	<b>Arithmetic and Geometric Sequences and Series Exam</b>
12	13	14	15	16
Course Review	Course Review	Course Review	Course Review	<b>EXAM WEEK</b>
19	20	21	22	23
<b>EXAM WEEK</b>	<b>EXAM WEEK</b>	<b>EXAM WEEK</b>	<b>EXAM WEEK</b>	<b>EXAM WEEK</b>
26	27	28	29	1
<b>EXAM WEEK</b>	<b>EXAM WEEK</b>	<b>LAST DAY OF SCHOOL YEAR</b>		