

JANUARY 2023

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	About Time 25	26	Composite Triple + 27 Function Sums	28
29	Family of Parabolas 30 + Minimizing a Sum of Squares Quiz: Syllabus	31				

FEBRUARY 2023

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
			Elusive Unknowns 1	2	Square Derivative 3 + Optimization of Area of a Triangle <i>Quiz: Wallis's Arithmetica Infinitorum</i>	4
5	Frank N. Stein 6 <i>Quiz: Newton's Golden Years</i>	7	Optimization of 8 Area by Parabolas	9	Optimization of the 10 Area of a Parallelogram <i>Quiz: the Early Work of Leibniz</i>	11
12	Defining a Function 13 by Its Properties, Pts. I, II, and III <i>Quiz: the Early Work of Leibniz</i>	14	Challenging 15 Integrals <i>Write-Up 1 Due</i>	16	Gabriel's Horn 17 <i>Quiz: Newton's Fluxional Calculus</i>	18
19	Some Series Sums 20 + Sum Sleuthing <i>Quiz: Marie Agnesi and Emilie du Châtelet</i>	21	<i>Presentations</i> 22	23	Some Fraction 24 Sums <i>Quiz: MacLaurin's Treatise on Fluxions</i>	25
26	Odd Sum 27 <i>Quiz: Euler's Life and Contributions</i>	28				

MARCH 2023

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
			Collapsing Product 1	2	Long Product 3 Quiz: D'Alembert and Cauchy on Limits	4
5	Cubic Product 6 Quiz: Sonya Kovalevsky	7	Composite Chaos 8	9	Convergence to Zero 10 Quiz: Mathematical Induction	11
12	<i>Spring Break</i> 13	<i>Spring Break</i> 14	<i>Spring Break</i> 15	<i>Spring Break</i> 16	<i>Spring Break</i> 17	18
19	Recursive Sequence 20 Quiz: Francesco Maurolico's Use of Induction	21	Loop Sum 22 Write-Up 2 Due	23	Comparing Arithmetic Sequences 24 Quiz: Fermat's <i>Arithmetica</i>	25
26	Spiral Out 27 Quiz: the Famous Last Theorem of Fermat	28	Presentations 29	30	Diamonds 31 Quiz: Euler's Life and Contributions	1

APRIL 2023

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
2	Tilted Tiles 3 <i>Quiz: Gauss's Disquisitiones Arithmeticae</i>	4	Counting Divisors + Log Sum 5	6	<i>Religious Observance</i> 7	8
9	99 & 2 10 <i>Quiz: Cantor's Theory of Infinite Sets</i>	11	Bigger Backwards 12	13	Erasure 14 <i>Quiz: India's Prodigy, Ramanujan</i>	15
16	Quartic Polynomial 17 <i>Quiz: Emmy Noether's Theory of Rings</i>	18	<i>Scholars Symposium</i> Write-Up 3 Due 19	20	Quintic Polynomials 21 <i>Quiz: De Méré's Problem of Points</i>	22
23	Integral Factors 24 <i>Quiz: the Traité du Triangle Arithmétique</i>	25	Presentations 26	27	Odd Coin 28 <i>Quiz: Francesco Maurolico's Use of Induction</i>	29
30						

MAY 2023

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	Fruit Frenzy 1 Quiz: Laplace's Research in Probability Theory	2	Dice Game 3	4	Spatial Delivery 5 Quiz: Mary Fairfax Somerville	6
7	Birthday Bonanza 8 Quiz: Daniel Bernoulli, Poisson, and Chebyshev	9	Digital Average of a Positive Integer 10 Write-Up 4 Due	11	Presentations 12	13
14	<i>Final Exam Week</i> 15	<i>Final Exam Week</i> 16 Final Exam 1:00 to 4:00 PM	<i>Final Exam Week</i> 17	<i>Final Exam Week</i> 18	<i>Final Exam Week</i> 19	20
21	22	23	24	25	26	27
28	29	30	31			