

MATH 242 — 29 Oct. 2025

SIEVE OF ERATOSTHENES

lists and indexes:

index:	0	1	2	3	4	5	6	7	8	9	10	11	12		
nums =	0	1	2	3	4	5	6	7	8	9	10	11	12	...	

non-primes: replace with 0

PRIMES: 2, 3, 5, 7, 11, 13, 17, 19, 23, 29, ...

Are primes equally likely to end with each of the digits 1, 3, 7, and 9?