

Prime Numbers

0	1	2	3	4	5	6	7	8	9
10	11	12	13	14	15	16	17	18	19
20	21	22	23	24	25	26	27	28	29
30	31	32	33	34	35	36	37	38	39
40	41	42	43	44	45	46	47	48	49
50	51	52	53	54	55	56	57	58	59
60	61	62	63	64	65	66	67	68	69
70	71	72	73	74	75	76	77	78	79
80	81	82	83	84	85	86	87	88	89
90	91	92	93	94	95	96	97	98	99

A **prime number** is a whole number that is greater than 1 and has only two factors, 1 and itself.

The numbers 0 and 1 are **NOT** prime numbers.

The Sieve of Eratosthenes

Method used to find all the prime numbers between 0 - 99. Multiples of prime numbers are themselves NOT prime.

1. Cross out 0 and 1.
2. Circle 2, and then cross out all multiples of 2.
3. Circle 3, and then cross out all multiples of 3.
4. Circle 5, and then cross out all multiples of 5.
5. Continue circling all primes, and crossing out all subsequent multiples until all numbers in the table have been either circled or crossed out.

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