

Which of these are prime?

	11	21	31
2	12	22	32
3	13	23	33
4	14	24	34
5	15	25	35
6	16	26	36
7	17	27	37
8	18	28	38
9	19	29	39
10	20	30	40

Sieve of Eratosthenes (3rd Century B.C.)

Red: Can't Be Primes
Eliminating Multiples of 2
(except 2, itself)

	11	21	31
2	12	22	32
3	13	23	33
4	14	24	34
5	15	25	35
6	16	26	36
7	17	27	37
8	18	28	38
9	19	29	39
10	20	30	40

Sieve of Eratosthenes (3rd Century B.C.)

Red: Can't Be Primes
Eliminating Multiples of 2 and 3
(except 2 and 3, themselves)

	11	21	31
2	12	22	32
3	13	23	33
4	14	24	34
5	15	25	35
6	16	26	36
7	17	27	37
8	18	28	38
9	19	29	39
10	20	30	40

Sieve of Eratosthenes (3rd Century B.C.)

Red: Can't Be Primes
Eliminating Multiples of 2, 3, and 5
(except 2, 3, and 5, themselves)

	11	21	31
2	12	22	32
3	13	23	33
4	14	24	34
5	15	25	35
6	16	26	36
7	17	27	37
8	18	28	38
9	19	29	39
10	20	30	40