Name_____

Prime Numbers

More than 2000 years ago, a mathematician named Eratosthenes came up with a way to find all the prime numbers less than 100. Prime numbers are numbers whose only factors are 1 and the number itself. One is not prime or composite. It is unique and not included on this chart.

1. Circle 2. Cross out all multiples of 2.

2. Circle 3. Cross out all multiples of 3.

3. Circle the next number that is not crossed out—5. Cross out all multiples of 5.

4. Circle the next number that is not crossed out—7. Cross out all multiples of 7.

5. Circle the remaining numbers that are not crossed out. These are the prime numbers less than 100.

6. How many prime numbers are there? _____

	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	100