

# Factors of 1 to 100

Numbers	Factors	Prime Factors Form	Prime/Composite
1	1	1	Neither
2	1, 2	2	Prime
3	1, 3	3	Prime
4	1, 2, 2004	$2^2$	Composite
5	1, 5	5	Prime
6	1, 2, 3, 6	$2 \times 3$	Composite
7	1, 7	7	Prime
8	1, 2, 4, 8	$2^3$	Composite
9	1, 3, 2009	$3^2$	Composite
10	1, 2, 5, 10	$2 \times 5$	Composite
11	1, 11	11	Prime
12	1, 2, 3, 4, 6, 12	$2^2 \times 3$	Composite
13	1, 13	13	Prime
14	1, 2, 7, 14	$2 \times 7$	Composite
15	1, 3, 5, 15	$3 \times 5$	Composite
16	1, 2, 4, 8, 16	$2^4$	Composite
17	1, 17	17	Prime
18	1, 2, 3, 6, 9, 18	$2 \times 3^2$	Composite
19	1, 19	19	Prime
20	1, 2, 4, 5, 10, 20	$2^2 \times 5$	Composite

Numbers	Factors	Prime Factors Form	Prime/Composite
21	1, 3, 7, 21	$3 \times 7$	Composite
22	1, 2, 11, 22	$2 \times 11$	Composite
23	1, 23	23	Prime
24	1, 2, 3, 4, 6, 8, 12, 24	$2^3 \times 3$	Composite
25	1, 5, 25	$5^2$	Composite
26	1, 2, 13, 26	$2 \times 13$	Composite
27	1, 3, 9, 27	$3^3$	Composite
28	1, 2, 4, 7, 14, 28	$2^2 \times 7$	Composite
29	1, 29	29	Prime
30	1, 2, 3, 5, 6, 10, 15, 30	$2 \times 3 \times 5$	Composite
31	1, 31	31	Prime
32	1, 2, 4, 8, 16, 32	$2^5$	Composite
33	1, 3, 11, 33	$3 \times 11$	Composite
34	1, 2, 17, 34	$2 \times 17$	Composite
35	1, 5, 7, 35	$5 \times 7$	Composite
36	1, 2, 3, 4, 6, 9, 12, 18, 36	$2^2 \times 3^2$	Composite
37	1, 37	37	Prime
38	1, 2, 19, 38	$2 \times 19$	Composite
39	1, 3, 13, 39	$3 \times 13$	Composite
40	1, 2, 4, 5, 8, 10, 20, 40	$2^3 \times 5$	Composite

Numbers	Factors	Prime Factors Form	Prime/Composite
41	1, 41	41	Prime
42	1, 2, 3, 6, 7, 14, 21, 42	$2 \times 3 \times 7$	Composite
43	1, 43	43	Prime
44	1, 2, 4, 11, 22, 44	$2^2 \times 11$	Composite
45	1, 3, 5, 9, 15, 45	$3^2 \times 5$	Composite
46	1, 2, 23, 46	$2 \times 23$	Composite
47	1, 47	47	Prime
48	1, 2, 3, 4, 6, 8, 12, 16, 24, 48	$2^4 \times 3$	Composite
49	1, 7, 49	$7^2$	Composite
50	1, 2, 5, 10, 25, 50	$2 \times 5^2$	Composite
51	1, 3, 17, 51	$3 \times 17$	Composite
52	1, 2, 4, 13, 26, 52	$2^2 \times 13$	Composite
53	1, 53	53	Prime
54	1, 2, 3, 6, 9, 18, 27, 54	$2 \times 3^3$	Composite
55	1, 5, 11, 55	$5 \times 11$	Composite
56	1, 2, 4, 7, 8, 14, 28, 56	$2^3 \times 7$	Composite
57	1, 3, 19, 57	$3 \times 19$	Composite
58	1, 2, 29, 58	$2 \times 29$	Composite
59	1, 59	59	Prime
60	1, 2, 3, 4, 5, 6, 10, 12, 15, 20, 30, 60	$2^2 \times 3 \times 5$	Composite

Numbers	Factors	Prime Factors Form	Prime/Composite
61	1, 61	61	Prime
62	1, 2, 31, 62	$2 \times 31$	Composite
63	1, 3, 7, 9, 21, 63	$3^2 \times 7$	Composite
64	1, 2, 4, 8, 16, 32, 64	$2^6$	Composite
65	1, 5, 13, 65	$5 \times 13$	Composite
66	1, 2, 3, 6, 11, 22, 33, 66	$2 \times 3 \times 11$	Composite
67	1, 67	67	Prime
68	1, 2, 4, 17, 34, 68	$2^2 \times 17$	Composite
69	1, 3, 23, 69	$3 \times 23$	Composite
70	1, 2, 5, 7, 10, 14, 35, 70	$2 \times 5 \times 7$	Composite
71	1, 71	71	Prime
72	1, 2, 3, 4, 6, 8, 9, 12, 18, 24, 36, 72	$2^3 \times 3^2$	Composite
73	1, 73	73	Prime
74	1, 2, 37, 74	$2 \times 37$	Composite
75	1, 3, 5, 15, 25, 75	$3 \times 5^2$	Composite
76	1, 2, 4, 19, 38, 76	$2^2 \times 19$	Composite
77	1, 7, 11, 77	$7 \times 11$	Composite
78	1, 2, 3, 6, 13, 26, 39, 78	$2 \times 3 \times 13$	Composite
79	1, 79	79	Prime
80	1, 2, 4, 5, 8, 10, 16, 20, 40, 80	$2^4 \times 5$	Composite

Numbers	Factors	Prime Factors Form	Prime/Composite
81	1, 3, 9, 27, 81	$3^4$	Composite
82	1, 2, 41, 82	$2 \times 41$	Composite
83	1, 83	83	Prime
84	1, 2, 3, 4, 6, 7, 12, 14, 21, 28, 42, 84	$2^2 \times 3 \times 7$	Composite
85	1, 5, 17, 85	$5 \times 17$	Composite
86	1, 2, 43, 86	$2 \times 43$	Composite
87	1, 3, 29, 87	$3 \times 29$	Composite
88	1, 2, 4, 8, 11, 22, 44, 88	$2^3 \times 11$	Composite
89	1, 89	89	Prime
90	1, 2, 3, 5, 6, 9, 10, 15, 18, 30, 45, 90	$2 \times 3^2 \times 5$	Composite
91	1, 7, 13, 91	$7 \times 13$	Composite
92	1, 2, 4, 23, 46, 92	$2^2 \times 23$	Composite
93	1, 3, 31, 93	$3 \times 31$	Composite
94	1, 2, 47, 94	$2 \times 47$	Composite
95	1, 5, 19, 95	$5 \times 19$	Composite
96	1, 2, 3, 4, 6, 8, 12, 16, 24, 32, 48, 96	$2^5 \times 3$	Composite
97	1, 97	97	Prime
98	1, 2, 7, 14, 49, 98	$2 \times 7^2$	Composite
99	1, 3, 9, 11, 33, 99	$3^2 \times 11$	Composite
100	1, 2, 4, 5, 10, 20, 25, 50, 100	$2^2 \times 5^2$	Composite