

Number	Factors	Prime Factorization	Prime	composite	Count of Factors
1	1	1		-	1
2	1, 2	2	✓		2
3	1, 3	3	✓		2
4	1, 2, 4	2^2		✓	3
5	1, 5	5	✓		
6	1, 2, 3, 6	2×3		✓	4
7	1, 7	7	✓		
8	1, 2, 4, 8	2^3		✓	4
9	1, 3, 9	3^2			3
10	1, 2, 5, 10	2×5		✓	4
11	1, 11	11	✓		2
12	1, 2, 3, 4, 6, 12	$2^2 \times 3$		✓	6
13	1, 13	13	✓		2
14	1, 2, 7, 14	2×7		✓	4
15	1, 3, 5, 15	3×5		✓	4
16	1, 2, 4, 8, 16	2^4		✓	5
17	1, 17	17	✓		2
18	1, 2, 3, 6, 9, 18	2×3^2		✓	6
19	1, 19	19	✓		2
20	1, 2, 4, 5, 10, 20	$2^2 \times 5$		✓	6
21	1, 3, 7, 21	3×7		✓	4
22	1, 2, 11, 22	3×11		✓	4
23	1, 23	23	✓		2
24	1, 2, 3, 4, 6, 8, 12, 24	$2^3 \times 3$		✓	8
25	1, 5, 25	5^2		✓	3

26	1, 2, 13, 26	2×13		✓	4
27	1, 3, 9, 27	3^3		✓	4
28	1, 2, 4, 7, 14, 28	$2^2 \times 7$		✓	6
29	1, 29	29	✓		2
30	1, 2, 3, 5, 6, 10, 15, 30	$2 \times 3 \times 5$		✓	8
31	1, 31	31	✓		2
32	1, 2, 4, 8, 16, 32	2^5		✓	6
33	1, 3, 11, 33	3×11		✓	4
34	1, 2, 17, 34	2×17		✓	4
35	1, 5, 7, 35	5×7		✓	4
36	1, 2, 3, 4, 6, 9, 12, 18, 36	$2^2 \times 3^2$		✓	9
37	1, 37	37	✓		2
38	1, 2, 19, 38	2×19		✓	4
39	1, 3, 13, 39	3×13		✓	4
40	1, 2, 4, 5, 8, 10, 20, 40	$2^3 \times 5$		✓	8
41	1, 41	41	✓		2
42	1, 2, 3, 6, 7, 14, 21, 42	$2 \times 3 \times 7$		Yes	8
43	1, 43	43	✓		2
44	1, 2, 4, 11, 22, 44	$2^2 \times 11$		✓	6
45	1, 3, 5, 9, 15, 45	$3^2 \times 5$		✓	6
46	1, 2, 23, 46	2×23		✓	4
47	1, 47	47	✓		2
48	1, 2, 3, 4, 6, 8, 12, 16, 24, 48	$2^4 \times 3$		✓	10
49	1, 7, 49	7^2		✓	3
50	1, 2, 5, 10, 25, 50	2×5^2		✓	6
51	1, 3, 17, 51	3×17		✓	4
52	1, 2, 4, 13, 26, 52	$2^2 \times 13$		✓	6
53	1, 53	53	✓		2

54	1, 2, 3, 6, 9, 18, 27, 54	2×3^3		✓	8
55	1, 5, 11, 55	5×11		✓	4
56	1, 2, 4, 7, 8, 14, 28, 56	$2^3 \times 7$		✓	8
57	1, 3, 19, 57	3×19		✓	4
58	1, 2, 29, 58	2×29		✓	4
59	1, 59	59	✓		2
60	1, 2, 3, 4, 5, 6, 10, 12, 15, 20, 30, 60	$2^2 \times 3 \times 5$		✓	12
61	1, 61	61	✓		2
62	1, 2, 31, 62	2×31		✓	4
63	1, 3, 7, 9, 21, 63	$3^2 \times 7$		✓	6
64	1, 2, 4, 8, 16, 32, 64	2^6		✓	7
65	1, 5, 13, 65	5×13		✓	4
66	1, 2, 3, 6, 11, 22, 33, 66	$2 \times 3 \times 11$		✓	8
67	1, 67	67	✓		2
68	1, 2, 4, 17, 34, 68	$2^2 \times 17$		✓	6
69	1, 3, 23, 69	3×23		✓	4
70	1, 2, 5, 7, 10, 14, 35, 70	$2 \times 5 \times 7$		✓	8
71	1, 71	71	✓		2
72	1, 2, 3, 4, 6, 8, 9, 12, 18, 24, 36, 72	$2^3 \times 3^2$		✓	12
73	1, 73	73	✓		2
74	1, 2, 37, 74	2×37		✓	4
75	1, 3, 5, 15, 25, 75	3×5^2		✓	6
76	1, 2, 4, 19, 38, 76	$2^2 \times 19$		✓	6
77	1, 7, 11, 77	7×11		✓	4
78	1, 2, 3, 6, 13, 26, 39, 78	$2 \times 3 \times 13$		✓	8
79	1, 79	79	✓		2

80	1, 2, 4, 5, 8, 10, 16, 20, 40, 80	$2^4 \times 5$		✓	10
81	1, 3, 9, 27, 81	3^4		✓	5
82	1, 2, 41, 82	2×41		✓	4
83	1, 83	83	✓		2
84	1, 2, 3, 4, 6, 7, 12, 14, 21, 28, 42, 84	$2^2 \times 3 \times 7$		✓	12
85	1, 5, 17, 85	5×17		✓	4
86	1, 2, 43, 86	2×43		✓	4
87	1, 3, 29, 87	3×29		✓	4
88	1, 2, 4, 8, 11, 22, 44, 88	$2^3 \times 11$		✓	8
89	1, 89	89	✓		2
90	1, 2, 3, 5, 6, 9, 10, 15, 18, 30, 45, 90	$2 \times 3^2 \times 5$		✓	12
91	1, 7, 13, 91	7×13		✓	4
92	1, 2, 4, 23, 46, 92	$2^2 \times 23$		✓	6
93	1, 3, 31, 93	3×31		✓	4
94	1, 2, 47, 94	2×47		✓	4
95	1, 5, 19, 95	5×19		✓	4
96	1, 2, 3, 4, 6, 8, 12, 16, 24, 32, 48, 96	$2^5 \times 3$		✓	12
97	1, 97	97	✓		2
98	1, 2, 7, 14, 49, 98	2×7^2		✓	6
99	1, 3, 9, 11, 33, 99	$3^2 \times 11$		✓	6
100	1, 2, 4, 5, 10, 20, 25, 50, 100	$2^2 \times 5^2$		✓	9
101	1, 101	1×101	✓		2
102	1, 2, 3, 6, 17, 34, 51, 102	$2 \times 3 \times 17$		✓	8
103	1, 103	1×103	✓		2
104	1, 2, 4, 8, 13, 26, 52, 104	$2^3 \times 13$		✓	8

105	1, 3, 5, 7, 15, 21, 35, 105	$3 \times 5 \times 7$		✓	8
106	1, 2, 53, 106	2×53		✓	4
107	1, 107	1×107	✓		2
108	1, 2, 3, 4, 6, 9, 12, 18, 27, 36, 54, 108	$2^2 \times 3^3$		✓	12
109	1, 109	1×109	✓		2
110	1, 2, 5, 10, 11, 22, 55, 110	$2 \times 5 \times 11$		✓	8
111	1, 3, 37, 111	3×37		✓	4
112	1, 2, 4, 7, 8, 14, 16, 28, 56, 112	$2^4 \times 7$		✓	10
113	1, 113	1×113	✓		2
114	1, 2, 3, 6, 19, 38, 57, 114	$2 \times 3 \times 19$		✓	8
115	1, 5, 23, 115	5×23		✓	4
116	1, 2, 4, 29, 58, 116	$2^2 \times 29$		✓	6
117	1, 3, 9, 13, 39, 117	$3^2 \times 13$		✓	6
118	1, 2, 59, 118	2×59		✓	4
119	1, 7, 17, 119	7×17		✓	4
120	1, 2, 3, 4, 5, 6, 8, 10, 12, 15, 20, 24, 30, 40, 60, 120	$2^3 \times 3 \times 5$		✓	16
121	1, 11, 121	11^2		✓	3
122	1, 2, 61, 122	2×61		✓	4
123	1, 3, 41, 123	3×41		✓	4
124	1, 2, 4, 31, 62, 124	$2^2 \times 31$		✓	6
125	1, 5, 25, 125	5^3		✓	4
126	1, 2, 3, 6, 7, 9, 14, 18, 21, 42, 63, 126	$2 \times 3^2 \times 7$		✓	12
127	1, 127	1×127	✓		2
128	1, 2, 4, 8, 16, 32, 64, 128	2^7		✓	8
129	1, 3, 43, 129	3×43		✓	4

130	1, 2, 5, 10, 13, 26, 65, 130	$2 \times 5 \times 13$		✓	8
131	1, 131	1×131			2
132	1, 2, 3, 4, 6, 11, 12, 22, 33, 44, 66, 132	$2^2 \times 3 \times 11$		✓	12
133	1, 7, 19, 133	7×19		✓	4
134	1, 2, 67, 134	2×67		✓	4
135	1, 3, 5, 9, 15, 27, 45, 135	$3^3 \times 5$		✓	8
136	1, 2, 4, 8, 17, 34, 68, 136	$2^3 \times 17$		✓	8
137	1, 137	1×137	✓		2
138	1, 2, 3, 6, 23, 46, 69, 138	$2 \times 3 \times 23$		✓	8
139	1, 139	1×139	✓		2
140	1, 2, 4, 5, 7, 10, 14, 20, 28, 35, 70, 140	$2^2 \times 5 \times 7$		✓	12
141	1, 3, 47, 141	3×47		✓	4
142	1, 2, 71, 142	2×71		✓	4
143	1, 11, 13, 143	11×13		✓	4
144	1, 2, 3, 5, 6, 8, 9, 12, 16, 18, 24, 36, 48, 72, 144	$2^4 \times 3^2$		✓	15
145	1, 5, 29, 145	5×29		✓	4
146	1, 2, 73, 146	2×73		✓	4
147	1, 3, 7, 21, 49, 147	3×7^2		✓	6
148	1, 2, 4, 37, 74, 148	$2^2 \times 37$		✓	6
149	1, 149	1×149	✓		2
150	1, 2, 3, 5, 6, 10, 15, 25, 30, 50, 75, 150	$2 \times 3 \times 5^2$		✓	12

The Blue colored Number are Prime Numbers