

Number	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Number ² + 1	2	5	10	17	26	37	50	65	82	101	122	145	170	197	226	257	290	325	362	401
As products	1 × 2	1 × 5	1 × 10 2 × 5	1 × 17	1 × 26 2 × 13	1 × 37	1 × 50 2 × 25 5 × 10	1 × 65 5 × 13	1 × 82 2 × 41	1 × 101	1 × 122 2 × 61	1 × 145 5 × 29	1 × 170 2 × 85 5 × 34 10 × 17	1 × 197	1 × 226 2 × 113	1 × 257	1 × 290 2 × 145 5 × 58 10 × 29	1 × 325 5 × 65 13 × 25	1 × 362 2 × 181	1 × 401
Number	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
Number ² + 1	442	485	530	577	626	677	730	785	842	901	962	1025	1090	1157	1226	1297	1370	1445	1522	1601
As products	1 × 442 2 × 221 13 × 34 17 × 26	1 × 485 5 × 97	1 × 530 2 × 265 5 × 106 10 × 53	1 × 577	1 × 626 2 × 313	1 × 677	1 × 730 2 × 365 5 × 146 10 × 73	1 × 785 5 × 157	1 × 842 2 × 421	1 × 901 17 × 53	1 × 962 2 × 481 13 × 74 26 × 37	1 × 1025 5 × 205 25 × 41	1 × 1090 2 × 545 5 × 218 10 × 109	1 × 1157 13 × 89	1 × 1226 2 × 613	1 × 1297	1 × 1370 2 × 685 5 × 274 10 × 137	1 × 1445 5 × 289 17 × 85	1 × 1522 2 × 761	1 × 1601
Number	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
Number ² + 1	1682	1765	1850	1937	2026	2117	2210	2305	2402	2501	2602	2705	2810	2917	3026	3137	3250	3365	3482	3601
As products	1 × 1682 2 × 841 29 × 58	1 × 1765 5 × 353	1 × 1850 2 × 925 5 × 370 10 × 185 25 × 74 37 × 50	1 × 1937 13 × 149	1 × 2026 2 × 1013	1 × 2117 29 × 73	1 × 2210 2 × 1105 5 × 442 10 × 221 13 × 170 17 × 130 26 × 85 34 × 65	1 × 2305 5 × 461	1 × 2402 2 × 1201	1 × 2501 41 × 61	1 × 2602 2 × 1301	1 × 2705 5 × 541	1 × 2810 2 × 1405 5 × 562 10 × 281	1 × 2917	1 × 3026 2 × 1513 17 × 178 34 × 89	1 × 3137	1 × 3250 2 × 1625 5 × 650 10 × 325 13 × 250 25 × 130 26 × 125 50 × 65	1 × 3365 5 × 673	1 × 3482 2 × 1741	1 × 3601 13 × 277

Circle numbers which appear as factors: 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. For every circled number, mark the first time it appears in “As product” rows.

Number		2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Number ² − 2		2	7	14	23	34	47	62	79	98	119	142	167	194	223	254	287	322	359	398
As products		1 × 2	1 × 7	1 × 14 2 × 7	1 × 23	1 × 34 2 × 17	1 × 47	1 × 62 2 × 31	1 × 79	1 × 98 2 × 49 7 × 14	1 × 119 7 × 17	1 × 142 2 × 71	1 × 167	1 × 194 2 × 97	1 × 223	1 × 254 2 × 127	1 × 287 7 × 41	1 × 322 2 × 161 7 × 46 14 × 23	1 × 359	1 × 398 2 × 199
Number	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
Number ² − 2	439	482	527	574	623	674	727	782	839	898	959	1022	1087	1154	1223	1294	1367	1442	1519	1598
As products	1 × 439	1 × 482 2 × 241	1 × 527 17 × 31	1 × 574 2 × 287 7 × 82 14 × 41	1 × 623 7 × 89	1 × 674 2 × 337	1 × 727	1 × 782 2 × 391 17 × 46 23 × 34	1 × 839	1 × 898 2 × 449	1 × 959 7 × 137	1 × 1022 2 × 511 7 × 146 14 × 73	1 × 1087	1 × 1154 2 × 577	1 × 1223	1 × 1294 2 × 647	1 × 1367	1 × 1442 2 × 721 7 × 206 14 × 103	1 × 1519 7 × 217 31 × 49	1 × 1598 2 × 799 17 × 94 34 × 47
Number	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
Number ² − 2	1679	1762	1847	1934	2023	2114	2207	2302	2399	2498	2599	2702	2807	2914	3023	3134	3247	3362	3479	3598
As products	1 × 1679 23 × 73	1 × 1762 2 × 881	1 × 1847	1 × 1934 2 × 967	1 × 2023 7 × 289 17 × 119	1 × 2114 2 × 1057 7 × 302 14 × 151	1 × 2207	1 × 2302 2 × 1151	1 × 2399	1 × 2498 2 × 1249	1 × 2599 23 × 113	1 × 2702 2 × 1351 7 × 386 14 × 193	1 × 2807 7 × 401	1 × 2914 2 × 1457 31 × 94 47 × 62	1 × 3023	1 × 3134 2 × 1567	1 × 3247 17 × 191	1 × 3362 2 × 1681 41 × 82	1 × 3479 7 × 497 49 × 71	1 × 3598 2 × 1799 7 × 514 14 × 257

Circle numbers which appear as factors: 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. For every circled number, mark the first time it appears in “As product” rows.

Number	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Number ² + 3	4	7	12	19	28	39	52	67	84	103	124	147	172	199	228	259	292	327	364	403
As products	1 × 4 2 × 2	1 × 7	1 × 12 2 × 6 3 × 4	1 × 19	1 × 28 2 × 14 4 × 7	1 × 39 3 × 13	1 × 52 2 × 26 4 × 13	1 × 67	1 × 84 2 × 42 3 × 28 4 × 21 6 × 14 7 × 12	1 × 103	1 × 124 2 × 62 4 × 31	1 × 147 3 × 49 7 × 21	1 × 172 2 × 86 4 × 43	1 × 199	1 × 228 2 × 114 3 × 76 4 × 57 6 × 38 12 × 19	1 × 259 7 × 37	1 × 292 2 × 146 4 × 73	1 × 327 3 × 109	1 × 364 2 × 182 4 × 91 7 × 52 13 × 28 14 × 26	1 × 403 13 × 31
Number	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
Number ² + 3	444	487	532	579	628	679	732	787	844	903	964	1027	1092	1159	1228	1299	1372	1447	1524	1603
As products	1 × 444 2 × 222 3 × 148 4 × 111 6 × 74 12 × 37	1 × 487	1 × 532 2 × 266 4 × 133 7 × 76 14 × 38 19 × 28	1 × 579 3 × 193	1 × 628 2 × 314 4 × 157	1 × 679 7 × 97	1 × 732 2 × 366 3 × 244 4 × 183 6 × 122 12 × 61	1 × 787	1 × 844 2 × 422 4 × 211	1 × 903 3 × 301 7 × 129 21 × 43	1 × 964 2 × 482 4 × 241	1 × 1027 13 × 79	1 × 1092 2 × 546 3 × 364 4 × 273 6 × 182 7 × 156 12 × 91 13 × 84 14 × 78 21 × 52 26 × 42 28 × 39	1 × 1159 19 × 61	1 × 1228 2 × 614 4 × 307	1 × 1299 3 × 433	1 × 1372 2 × 686 4 × 343 7 × 196 14 × 98 28 × 49	1 × 1447	1 × 1524 2 × 762 3 × 508 4 × 381 6 × 254 12 × 127	1 × 1603 7 × 229
Number	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
Number ² + 3	1684	1767	1852	1939	2028	2119	2212	2307	2404	2503	2604	2707	2812	2919	3028	3139	3252	3367	3484	3603
As products	1 × 1684 2 × 842 4 × 421	1 × 1767 3 × 589 19 × 93 31 × 57	1 × 1852 2 × 926 4 × 463	1 × 1939 7 × 277	1 × 2028 2 × 1014 3 × 676 4 × 507 6 × 338 12 × 169 13 × 156 26 × 78 39 × 52	1 × 2119 13 × 163	1 × 2212 2 × 1106 4 × 553 7 × 316 14 × 158 28 × 79	1 × 2307 3 × 769	1 × 2404 2 × 1202 4 × 601	1 × 2503	1 × 2604 2 × 1302 3 × 868 4 × 651 6 × 434 7 × 372 12 × 217 14 × 186 21 × 124 28 × 93 31 × 84 42 × 62	1 × 2707	1 × 2812 2 × 1406 4 × 703 19 × 148 37 × 76 38 × 74	1 × 2919 3 × 973 7 × 417 21 × 139	1 × 3028 2 × 1514 4 × 757	1 × 3139 43 × 73	1 × 3252 2 × 1626 3 × 1084 4 × 813 6 × 542 12 × 271	1 × 3367 7 × 481 13 × 259 37 × 91	1 × 3484 2 × 1742 4 × 871 13 × 268 26 × 134 52 × 67	1 × 3603 3 × 1201

Circle numbers which appear as factors: 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. For every circled number, mark the first time it appears in “As product” rows.