

→ 10
20
1474 ✓

Solutions of $\phi(x) = n$ for n from 2 through 1978
(ϕ is Euler's Function)

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For n from 2 through 1000, see table by R. D. Carmichael in Journal of Mathematics, 30(1908) 394-400. For ten corrections in this table see Note of K. W. Wegner and S. R. Savitzky in American Mathematical Monthly, 77-3 (March, 1970) P.287.

- 1002 None. 1004 3 solutions: 2012, 1509, 3018. 1006 None.
 1008 31 solutions: 3528, 2205, 4410, 2548, 1911, 3822, 3132, 1827, 3654, 2204, 1653, 3306, 1073, 2146, 3096, 1935, 3870, 2408, 3612, 1505, 3010, 2236, 1677, 3354, 2032, 3048, 2540, 1905, 3810, 1009, 2018. 1010 None.
 1012 7 solutions: 2116, 1587, 3174, 1081, 2162, 1013, 2026. 1014 None.
 1016 3 solutions: 2036, 1527, 3054. 1018 2 solutions: 1019, 2038.
 1020 4 solutions: 1133, 2266, 1021, 2042. 1022 None.
 1024 12 solutions: 2048, 3072, 2560, 3840, 2176, 3264, 2720, 4080, 2056, 3084, 1285, 2570. 1026 None. 1028 None. 1030 2 solutions: 1031, 2062.
 1032 6 solutions: 1557, 3114, 1211, 2422, 1033, 2066. 1034 None.
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 1078 None. 1080 34 solutions: 2025, 4050, 3564, 2079, 4158, 1881, 3762, 1463, 2926, 3348, 1953, 3906, 2356, 1767, 3534, 1147, 2294, 1647, 3294, 1159, 2318, 1199, 2398, 1629, 3258, 1267, 2534, 2168, 3252, 1355, 2710, 2164, 1623, 3246. 1082 None. 1084 None.
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 1092 5 solutions: 2188, 1641, 3282, 1093, 2186. 1094 None.
 1096 2 solutions: 1097, 2194. 1098 None. 1100 None.
 1102 2 solutions: 1103, 2206. 1104 19 solutions: 3384, 2115, 4230, 2632, 3948, 1645, 3290, 2444, 1833, 3666, 2224, 3336, 2780, 2085, 4170, 2216, 3324, 1385, 2770. 1106 None. 1108 2 solutions: 1109, 2218.
 1110 None. 1112 3 solutions: 2228, 1671, 3342. 1114 None.
 1116 2 solutions: 1117, 2234. 1118 None. 1120 21 solutions: 2900, 2175, 4350, 2552, 3828, 1595, 3190, 1189, 2378, 2272, 3408, 2840, 4260, 1207, 2414, 1243, 2486, 2248, 3372, 1405, 2810.

1122 2 solutions: 1123, 2246. 1124 3 solutions: 2252, 1689, 3378.
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1292 3 solutions: 2588, 1941, 3882. 1294 None.
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1304 3 solutions: 2612, 1959, 3918. 1306 2 solutions: 1307, 2614.
1308 None. 1310 None. 1312 6 solutions: 2656, 3984, 3320, 4980, 1411,
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1328 5 solutions: 2672, 4008, 3340, 2505, 5010. 1330 None.
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1866 2 solutions: 1867, 3734. 1868 None.
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5826. 1942 None. 1944 25 solutions: 5832, 3645, 7290, 6804, 3159,
6318, 6156, 3591, 7182, 2997, 5994, 2943, 5886, 2071, 4142, 5868, 4564,
3423, 6846, 2119, 4238, 3896, 5844, 2435, 4870. 1946 None.
1948 2 solutions: 1949, 3898. 1950 2 solutions: 1951, 3902.
1952 3 solutions: 3908, 2931, 5862. 1954 None. 1956 None.
1958 None. 1960 8 solutions: 2059, 4118, 2167, 4334, 3928, 5892, 2455, 4910.
1962 None. 1964 3 solutions: 3932, 2949, 5898. 1966 None.
1968 10 solutions: 5976, 3735, 7470, 4648, 6972, 2905, 5810, 4316, 3237, 6474.
1970 None. 1972 2 solutions: 1973, 3946. 1974 None.
1976 None. 1978 2 solutions: 1979, 3958.