

परिशिष्ट I

तत्त्व, उनकी परमाणु-संख्या और मोलर द्रव्यमान

| तत्त्व | संकेत | परमाणु क्रमांक | मोलर द्रव्यमान (g mol^{-1}) | तत्त्व | संकेत | परमाणु क्रमांक | मोलर द्रव्यमान (g mol^{-1}) |
|---------------|-------|----------------|--|----------------|-------|----------------|--|
| ऐक्टीनियम | Ac | 89 | 227.03 | मर्क्यूरी | Hg | 80 | 200.59 |
| ऐल्मिनियम | Al | 13 | 26.98 | मॉल्बेनम | Mo | 42 | 95.94 |
| ऐमेरिसियम | Am | 95 | (243) | नीयोडियम | Nd | 60 | 144.24 |
| ऐन्टीमनी | Sb | 51 | 121.75 | नियोन | Ne | 10 | 20.18 |
| ऑर्गन | Ar | 18 | 39.95 | नैट्रनियम | Np | 93 | (237.05) |
| आर्सेनिक | As | 33 | 74.92 | निकल | Ni | 28 | 58.71 |
| ऐरियम | At | 85 | 210 | नियोडियम | Nb | 41 | 92.91 |
| बर्केलियम | Ba | 56 | 137.34 | नाइट्रोजन | N | 7 | 14.0067 |
| बेरिलियम | Bk | 97 | (247) | नोबलियम | No | 102 | (259) |
| बोरिलियम | Be | 4 | 9.01 | ओसमियम | Os | 76 | 190.2 |
| बिस्मिथ | Bi | 83 | 208.98 | ओक्सिजन | O | 8 | 16.00 |
| बोहरियम | Bh | 107 | (264) | पैलेडियम | Pd | 46 | 106.4 |
| बोरोन | B | 5 | 10.81 | फ्रास्फोरस | P | 15 | 30.97 |
| ब्रॉमीन | Br | 35 | 79.91 | प्लैटिनम | Pt | 78 | 195.09 |
| कैंडिपियम | Cd | 48 | 112.40 | प्लॉटीनियम | Pu | 94 | (244) |
| सांग्रियम | Cs | 55 | 132.91 | पारानियम | Po | 84 | 210 |
| कैल्सियम | Ca | 20 | 40.08 | पारेशियम | K | 19 | 39.10 |
| कैलिफोर्नियम | Cf | 98 | 251.08 | प्रैजियोडिमियम | Pr | 59 | 140.91 |
| कार्बन | C | 6 | 12.01 | प्रोमेथियम | Pm | 61 | (145) |
| सर्टियम | Ce | 58 | 140.12 | प्रोटैक्सिनियम | Pa | 91 | 231.04 |
| क्लोरोरिन | Cl | 17 | 35.45 | रोडियम | Ra | 88 | (226) |
| क्रोमियम | Cr | 24 | 52.00 | रेडॉन | Rn | 86 | (222) |
| कोबाल्ट | Co | 27 | 58.93 | रीनियम | Re | 75 | 186.2 |
| कॉपर | Cu | 29 | 63.54 | रोडियम | Rh | 45 | 102.91 |
| क्यूरूरियम | Cm | 96 | 247.07 | रूबिडियम | Rb | 37 | 85.47 |
| इयूवनियम | Db | 105 | (263) | रुथेनियम | Ru | 44 | 101.07 |
| डिसस्ट्रोसियम | Dy | 66 | 162.50 | रदरफ़ार्डियम | Rf | 104 | (261) |
| आइन्टर्टीनियम | Es | 99 | (252) | सैमेरियम | Sm | 62 | 150.35 |
| अर्बियम | Er | 68 | 167.26 | स्कैन्डियम | Sc | 21 | 44.96 |
| यूरोपियम | Eu | 63 | 151.96 | सीब्रागियम | Sg | 106 | (266) |
| फर्मियम | Fm | 100 | (257.10) | सिलरिनियम | Se | 34 | 78.96 |
| फ्लूओरोरिन | F | 9 | 19.00 | सिलिकन | Si | 14 | 28.08 |
| फ्रैंसियम | Fr | 87 | (223) | सिल्वर | Ag | 47 | 107.87 |
| गैडारिनियम | Gd | 64 | 157.25 | सोडियम | Na | 11 | 22.99 |
| गैलियम | Ga | 31 | 69.72 | स्ट्रोम्शियम | Sr | 38 | 87.62 |
| जर्मेनियम | Ge | 32 | 72.61 | सल्फर | S | 16 | 32.06 |
| गोल्ड | Au | 79 | 196.97 | टैन्टेलम | Ta | 73 | 180.95 |
| हैफनियम | Hf | 72 | 178.49 | टेक्नोशियम | Tc | 43 | (98.91) |
| हैसियम | Hs | 108 | (269) | टेलरियम | Te | 52 | 127.60 |
| हॉलियम | He | 2 | 4.00 | टर्बिअम | Tb | 65 | 158.92 |
| होट्सियम | Ho | 67 | 164.93 | थैलियम | Tl | 81 | 204.37 |
| हाइड्रोजन | H | 1 | 1.0079 | थोरियम | Th | 90 | 232.04 |
| इंडियम | In | 49 | 114.82 | थूलियम | Tm | 69 | 168.93 |
| आयोडीन | I | 53 | 126.90 | टिन | Sn | 50 | 118.69 |
| इरीडियम | Ir | 77 | 192.2 | टाइटेनियम | Ti | 22 | 47.88 |
| आयरन | Fe | 26 | 55.85 | टांगस्टन | W | 74 | 183.85 |
| क्रिप्टोन | Kr | 36 | 83.80 | अनअनबियम | Uub | 112 | (277) |
| लैथेनियम | La | 57 | 138.91 | अनअननिलियम | Uun | 110 | (269) |
| लारिनियम | Lr | 103 | (262.1) | अनअनअनीयम | Uuu | 111 | (272) |
| लेड | Pb | 82 | 207.19 | यूरेनियम | U | 92 | 238.03 |
| लीथियम | Li | 3 | 6.94 | वैनडियम | V | 23 | 50.94 |
| ल्यूटीशियम | Lu | 71 | 174.96 | जिनॉन | Xe | 54 | 131.30 |
| मैग्नीशियम | Mg | 12 | 24.31 | इटर्बियम | Yb | 70 | 173.04 |
| मैग्नीज | Mn | 25 | 54.94 | इट्रियम | Y | 39 | 88.91 |
| मिट्टैनियम | Mt | 109 | (268) | जिंक | Zn | 30 | 65.37 |
| मैंडलीवियम | Md | 101 | 258.10 | जकर्नॉनियम | Zr | 40 | 91.22 |

कोष्ठक में दिया गया मान अधिकतम ज्ञात अर्धायु वाले समस्थानिक का मोलर द्रव्यमान है।

परिशिष्ट II

कुछ लाभप्रद रूपांतरण-गुणांक

द्रव्यमान और भार के सामान्य मात्रक

1 पौंड = 453.59 ग्राम

1 पौंड = 453.59 ग्राम = 0.45359 किलोग्राम

1 किलोग्राम = 1000 ग्राम = 2.205 पौंड

1 ग्राम = 10 डेसीग्राम = 100 सेंटीग्राम

= 1000 मिलीग्राम

1 ग्राम = 6.022×10^{23} परमाणु द्रव्यमान मात्रक

1 परमाणु द्रव्यमान = 1.6606×10^{-24} ग्राम

1 मीट्रिक टन = 1000 किलोग्राम

= 2205 पौंड

आयतन का सामान्य मात्रक

1 क्वार्ट्ज़ = 0.9463 लिटर

1 लिटर = 1.056 क्वार्ट्ज़

1 लिटर = 1 घन डेसीमीटर = 1000 घन

सेंटीमीटर = 0.001 घनमीटर

1 मिलीलिटर = 1 घन सेंटीमीटर = 0.001 लिटर

= 1.056×10^{-3} क्वार्ट्ज़

1 घनफुट = 28.316 लिटर = 29.902 क्वार्ट्ज़

= 7.475 गैलन

ऊर्जा का सामान्य मात्रक

1 जूल = 1×10^7 ergs

1 ऊर्जा रासायनिक केलोरी** = 4.184 जूल
= 4.184×10^7 ergs
= 4.129×10^{-2} लिटर वायुमंडल
= 2.612×10^{19} इलेक्ट्रॉन बोल्ट

1 ergs = 1×10^{-7} जूल = 2.3901×10^{-8} केलोरी

1 इलेक्ट्रॉन बोल्ट = 1.6022×10^{-19} जूल
= 1.6022×10^{-12} erg
= 96.487 kJ/mol†

1 लिटर-वायुमंडल = 24.217 केलोरी
= 101.32 जूल
= 1.0132×10^9 ergs

1 ब्रिटिश ऊर्जा का मात्रक = 1055.06 जूल
= 1.05506×10^{10} ergs
= 252.2 केलोरी

लंबाई का सामान्य मात्रक

1 इंच = 2.54 सेंटीमीटर (सटीक)

1 मील = 5280 फीट = 1.609 किलोमीटर

1 गज = 36 इंच = 0.9144 मीटर

1 मीटर = 100 सेंटीमीटर = 39.37 इंच

= 3.281 फीट

= 1.094 गज

1 किलोमीटर = 1000 मीटर = 1094 गज

= 0.6215 मील

1 एंगस्ट्रॉम = 1.0×10^{-8} सेंटीमीटर

= 0.10 नैनोमीटर

= 1.0×10^{-10} मीटर

= 3.937×10^{-9} इंच

बल* और दाब के सामान्य मात्रक

1 वायुमंडल = 760 मिलीमीटर मरकरी का

= 1.013×10^5 पास्कल

= 14.70 पौंड प्रति वर्गइंच

1 बार = 10^5 पास्कल

1 टार = 1 मिलीमीटर मरकरी का

1 पास्कल = 1 kg/ms² = 1 N/m²

ताप SI आधारित मात्रक केल्विन (K)

K = -273.15°C

K = °C + 273.15

°F = 1.8(°C) + 32

$${}^\circ\text{C} = \frac{{}^\circ\text{F} - 32}{1.8}$$

* बल— 1 न्यूटन (N) = 1 kg m/s^2 , 1 न्यूटन वह बल है, जो एक सेकंड लगाने पर 1 किलोग्राम द्रव्यमान को 1 मीटर प्रति सेकंड का वेग प्रदान करता है।

** ऊर्जा की वह मात्रा, जो 1 ग्राम जल का ताप 14.5°C से 15.5°C तक बढ़ाने के लिए आवश्यक होती है।

† ध्यान रहे कि अन्य मात्रक प्रतिकरण हैं, जिन्हें 6.022×10^{23} से गुणा करना होगा, ताकि सही-सही तुलना हो सके।

परिशिष्ट III

वैद्युत रासायनिक क्रम में 298 K पर मानक विभव

| अपचयन अर्ध अभिक्रिया | E^\ominus / V | अपचयन अर्ध अभिक्रिया | E^\ominus / V |
|---|------------------------|---|------------------------|
| $\text{H}_4\text{XeO}_6 + 2\text{H}^+ + 2\text{e}^- \longrightarrow \text{XeO}_3 + 3\text{H}_2\text{O}$ | +3.0 | $\text{Pu}^{4+} + \text{e}^- \longrightarrow \text{Pu}^{3+}$ | +0.97 |
| $\text{F}_2 + 2\text{e}^- \longrightarrow 2\text{F}^-$ | +2.87 | $\text{NO}_3^- + 4\text{H}^+ + 3\text{e}^- \longrightarrow \text{NO} + 2\text{H}_2\text{O}$ | +0.96 |
| $\text{O}_3 + 2\text{H}^+ + 2\text{e}^- \longrightarrow \text{O}_2 + \text{H}_2\text{O}$ | +2.07 | $2\text{Hg}^{2+} + 2\text{e}^- \longrightarrow \text{Hg}_2^{2+}$ | +0.92 |
| $\text{S}_2\text{O}_8^{2-} + 2\text{e}^- \longrightarrow 2\text{SO}_4^{2-}$ | +2.05 | $\text{ClO}^- + \text{H}_2\text{O} + 2\text{e}^- \longrightarrow \text{Cl}^- + 2\text{OH}^-$ | +0.89 |
| $\text{Ag}^+ + \text{e}^- \longrightarrow \text{Ag}^+$ | +1.98 | $\text{Hg}^{2+} + 2\text{e}^- \longrightarrow \text{Hg}$ | +0.86 |
| $\text{Co}^{3+} + \text{e}^- \longrightarrow \text{Co}^{2+}$ | +1.81 | $\text{NO}_3^- + 2\text{H}^+ + \text{e}^- \longrightarrow \text{NO}_2 + \text{H}_2\text{O}$ | +0.80 |
| $\text{H}_2\text{O}_2 + 2\text{H}^+ + 2\text{e}^- \longrightarrow 2\text{H}_2\text{O}$ | +1.78 | $\text{Ag}^+ + \text{e}^- \longrightarrow \text{Ag}$ | +0.80 |
| $\text{Au}^+ + \text{e}^- \longrightarrow \text{Au}$ | +1.69 | $\text{Hg}_2^{2+} + 2\text{e}^- \longrightarrow 2\text{Hg}$ | +0.79 |
| $\text{Pb}^{4+} + 2\text{e}^- \longrightarrow \text{Pb}^{2+}$ | +1.67 | $\text{Fe}^{3+} + \text{e}^- \longrightarrow \text{Fe}^{2+}$ | +0.77 |
| $2\text{HClO} + 2\text{H}^+ + 2\text{e}^- \longrightarrow \text{Cl}_2 + 2\text{H}_2\text{O}$ | +1.63 | $\text{BrO}^- + \text{H}_2\text{O} + 2\text{e}^- \longrightarrow \text{Br}^- + 2\text{OH}^-$ | +0.76 |
| $\text{Ce}^{4+} + \text{e}^- \longrightarrow \text{Ce}^{3+}$ | +1.61 | $\text{Hg}_2\text{SO}_4 + 2\text{e}^- \longrightarrow 2\text{Hg} + \text{SO}_4^{2-}$ | +0.62 |
| $2\text{HBrO} + 2\text{H}^+ + 2\text{e}^- \longrightarrow \text{Br}_2 + 2\text{H}_2\text{O}$ | +1.60 | $\text{MnO}_4^{2-} + 2\text{H}_2\text{O} + 2\text{e}^- \longrightarrow \text{MnO}_2 + 4\text{OH}^-$ | +0.60 |
| $\text{MnO}_4^- + 8\text{H}^+ + 5\text{e}^- \longrightarrow \text{Mn}^{2+} + 4\text{H}_2\text{O}$ | +1.51 | $\text{MnO}_4^- + \text{e}^- \longrightarrow \text{MnO}_4^{2-}$ | +0.56 |
| $\text{Mn}^{3+} + \text{e}^- \longrightarrow \text{Mn}^{2+}$ | +1.51 | $\text{I}_2 + 2\text{e}^- \longrightarrow 2\text{I}^-$ | +0.54 |
| $\text{Au}^{3+} + 3\text{e}^- \longrightarrow \text{Au}$ | +1.40 | $\text{I}_3^- + 2\text{e}^- \longrightarrow 3\text{I}^-$ | +0.53 |
| $\text{Cl}_2 + 2\text{e}^- \longrightarrow 2\text{Cl}^-$ | +1.36 | $\text{Cu}^+ + \text{e}^- \longrightarrow \text{Cu}$ | +0.52 |
| $\text{Cr}_2\text{O}_7^{2-} + 14\text{H}^+ + 6\text{e}^- \longrightarrow 2\text{Cr}^{3+} + 7\text{H}_2\text{O}$ | +1.33 | $\text{NiOOH} + \text{H}_2\text{O} + \text{e}^- \longrightarrow \text{Ni(OH)}_2 + \text{OH}^-$ | +0.49 |
| $\text{O}_3 + \text{H}_2\text{O} + 2\text{e}^- \longrightarrow \text{O}_2 + 2\text{OH}^-$ | +1.24 | $\text{Ag}_2\text{CrO}_4 + 2\text{e}^- \longrightarrow 2\text{Ag} + \text{CrO}_4^{2-}$ | +0.45 |
| $\text{O}_2 + 4\text{H}^+ + 4\text{e}^- \longrightarrow 2\text{H}_2\text{O}$ | +1.23 | $\text{O}_2 + 2\text{H}_2\text{O} + 4\text{e}^- \longrightarrow 4\text{OH}^-$ | +0.40 |
| $\text{ClO}_4^- + 2\text{H}^+ + 2\text{e}^- \longrightarrow \text{ClO}_3^- + \text{H}_2\text{O}$ | +1.23 | $\text{ClO}_4^- + \text{H}_2\text{O} + 2\text{e}^- \longrightarrow \text{ClO}_3^- + 2\text{OH}^-$ | +0.36 |
| $\text{MnO}_2 + 4\text{H}^+ + 2\text{e}^- \longrightarrow \text{Mn}^{2+} + 2\text{H}_2\text{O}$ | +1.23 | $[\text{Fe}(\text{CN})_6]^{3-} + \text{e}^- \longrightarrow [\text{Fe}(\text{CN})_6]^{4-}$ | +0.36 |
| $\text{Pt}^{2+} + 2\text{e}^- \longrightarrow \text{Pt}$ | +1.20 | $\text{Cu}^{2+} + 2\text{e}^- \longrightarrow \text{Cu}$ | +0.34 |
| $\text{Br}_2 + 2\text{e}^- \longrightarrow 2\text{Br}^-$ | +1.09 | $\text{Hg}_2\text{Cl}_2 + 2\text{e}^- \longrightarrow 2\text{Hg} + 2\text{Cl}^-$ | +0.27 |

| | | | |
|---|-------|---|-------|
| $\text{AgCl} + \text{e}^- \longrightarrow \text{Ag} + \text{Cl}^-$ | +0.27 | $\text{S} + 2\text{e}^- \longrightarrow \text{S}^{2-}$ | -0.48 |
| $\text{Bi}^{3+} + 3\text{e}^- \longrightarrow \text{Bi}$ | +0.20 | $\text{In}^{3+} + \text{e}^- \longrightarrow \text{In}^{2+}$ | -0.49 |
| $\text{SO}_4^{2-} + 4\text{H}^+ + 2\text{e}^- \longrightarrow \text{H}_2\text{SO}_3 + \text{H}_2\text{O}$ | +0.17 | $\text{U}^{4+} + \text{e}^- \longrightarrow \text{U}^{3+}$ | -0.61 |
| $\text{Cu}^{2+} + \text{e}^- \longrightarrow \text{Cu}^+$ | +0.16 | $\text{Cr}^{3+} + 3\text{e}^- \longrightarrow \text{Cr}$ | -0.74 |
| $\text{Sn}^{4+} + 2\text{e}^- \longrightarrow \text{Sn}^{2+}$ | +0.15 | $\text{Zn}^{2+} + 2\text{e}^- \longrightarrow \text{Zn}$ | -0.76 |
| $\text{AgBr} + \text{e}^- \longrightarrow \text{Ag} + \text{Br}^-$ | +0.07 | $\text{Cd}(\text{OH})_2 + 2\text{e}^- \longrightarrow \text{Cd} + 2\text{OH}^-$ | -0.81 |
| $\text{Ti}^{4+} + \text{e}^- \longrightarrow \text{Ti}^{3+}$ | 0.00 | $2\text{H}_2\text{O} + 2\text{e}^- \longrightarrow \text{H}_2 + 2\text{OH}^-$ | -0.83 |
| $2\text{H}^+ + 2\text{e}^- \longrightarrow \text{H}_2$ (परिभाषा नुसार) | 0.0 | $\text{Cr}^{2+} + 2\text{e}^- \longrightarrow \text{Cr}$ | -0.91 |
| $\text{Fe}^{3+} + 3\text{e}^- \longrightarrow \text{Fe}$ | -0.04 | $\text{Mn}^{2+} + 2\text{e}^- \longrightarrow \text{Mn}$ | -1.18 |
| $\text{O}_2 + \text{H}_2\text{O} + 2\text{e}^- \longrightarrow \text{HO}_2^- + \text{OH}^-$ | -0.08 | $\text{V}^{2+} + 2\text{e}^- \longrightarrow \text{V}$ | -1.19 |
| $\text{Pb}^{2+} + 2\text{e}^- \longrightarrow \text{Pb}$ | -0.13 | $\text{Ti}^{2+} + 2\text{e}^- \longrightarrow \text{Ti}$ | -1.63 |
| $\text{In}^+ + \text{e}^- \longrightarrow \text{In}$ | -0.14 | $\text{Al}^{3+} + 3\text{e}^- \longrightarrow \text{Al}$ | -1.66 |
| $\text{Sn}^{2+} + 2\text{e}^- \longrightarrow \text{Sn}$ | -0.14 | $\text{U}^{3+} + 3\text{e}^- \longrightarrow \text{U}$ | -1.79 |
| $\text{AgI} + \text{e}^- \longrightarrow \text{Ag} + \text{I}^-$ | -0.15 | $\text{Sc}^{3+} + 3\text{e}^- \longrightarrow \text{Sc}$ | -2.09 |
| $\text{Ni}^{2+} + 2\text{e}^- \longrightarrow \text{Ni}$ | -0.23 | $\text{Mg}^{2+} + 2\text{e}^- \longrightarrow \text{Mg}$ | -2.36 |
| $\text{V}^{3+} + \text{e}^- \longrightarrow \text{V}^{2+}$ | -0.26 | $\text{Ce}^{3+} + 3\text{e}^- \longrightarrow \text{Ce}$ | -2.48 |
| $\text{Co}^{2+} + 2\text{e}^- \longrightarrow \text{Co}$ | -0.28 | $\text{La}^{3+} + 3\text{e}^- \longrightarrow \text{La}$ | -2.52 |
| $\text{In}^{3+} + 3\text{e}^- \longrightarrow \text{In}$ | -0.34 | $\text{Na}^+ + \text{e}^- \longrightarrow \text{Na}$ | -2.71 |
| $\text{Tl}^+ + \text{e}^- \longrightarrow \text{Tl}$ | -0.34 | $\text{Ca}^{2+} + 2\text{e}^- \longrightarrow \text{Ca}$ | -2.87 |
| $\text{PbSO}_4 + 2\text{e}^- \longrightarrow \text{Pb} + \text{SO}_4^{2-}$ | -0.36 | $\text{Sr}^{2+} + 2\text{e}^- \longrightarrow \text{Sr}$ | -2.89 |
| $\text{Ti}^{3+} + \text{e}^- \longrightarrow \text{Ti}^{2+}$ | -0.37 | $\text{Ba}^{2+} + 2\text{e}^- \longrightarrow \text{Ba}$ | -2.91 |
| $\text{Cd}^{2+} + 2\text{e}^- \longrightarrow \text{Cd}$ | -0.40 | $\text{Ra}^{2+} + 2\text{e}^- \longrightarrow \text{Ra}$ | -2.92 |
| $\text{In}^{2+} + \text{e}^- \longrightarrow \text{In}^+$ | -0.40 | $\text{Cs}^+ + \text{e}^- \longrightarrow \text{Cs}$ | -2.92 |
| $\text{Cr}^{3+} + \text{e}^- \longrightarrow \text{Cr}^{2+}$ | -0.41 | $\text{Rb}^+ + \text{e}^- \longrightarrow \text{Rb}$ | -2.93 |
| $\text{Fe}^{2+} + 2\text{e}^- \longrightarrow \text{Fe}$ | -0.44 | $\text{K}^+ + \text{e}^- \longrightarrow \text{K}$ | -2.93 |
| $\text{In}^{3+} + 2\text{e}^- \longrightarrow \text{In}^+$ | -0.44 | $\text{Li}^+ + \text{e}^- \longrightarrow \text{Li}$ | -3.05 |

लघुगणक

सारणी १

| N | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|-----------|------|------|------|------|------|------|------|------|------|------|---|---|----|----|----|----|----|----|----|
| 10 | 0000 | 0043 | 0086 | 0128 | 0170 | 0212 | 0253 | 0294 | 0334 | 0374 | 5 | 9 | 13 | 17 | 21 | 26 | 30 | 34 | 38 |
| | | | | | | | | | | | 4 | 8 | 12 | 16 | 20 | 24 | 28 | 32 | 36 |
| 11 | 0414 | 0453 | 0492 | 0531 | 0569 | 0607 | 0645 | 0682 | 0719 | 0755 | 4 | 8 | 12 | 16 | 20 | 23 | 27 | 31 | 35 |
| | | | | | | | | | | | 4 | 7 | 11 | 15 | 18 | 22 | 26 | 29 | 33 |
| 12 | 0792 | 0828 | 0864 | 0899 | 0934 | 0969 | 1004 | 1038 | 1072 | 1106 | 3 | 7 | 11 | 14 | 18 | 21 | 25 | 28 | 32 |
| | | | | | | | | | | | 3 | 7 | 10 | 14 | 17 | 20 | 24 | 27 | 31 |
| 13 | 1139 | 1173 | 1206 | 1239 | 1271 | 1303 | 1335 | 1367 | 1399 | 1430 | 3 | 6 | 10 | 13 | 16 | 19 | 23 | 26 | 29 |
| | | | | | | | | | | | 3 | 7 | 10 | 13 | 16 | 19 | 22 | 25 | 29 |
| 14 | 1461 | 1492 | 1523 | 1553 | 1584 | 1614 | 1644 | 1673 | 1703 | 1732 | 3 | 6 | 9 | 12 | 15 | 19 | 22 | 25 | 28 |
| | | | | | | | | | | | 3 | 6 | 9 | 12 | 14 | 17 | 20 | 23 | 26 |
| 15 | 1761 | 1790 | 1818 | 1847 | 1875 | 1903 | 1931 | 1959 | 1987 | 2014 | 3 | 6 | 9 | 11 | 14 | 17 | 20 | 23 | 26 |
| | | | | | | | | | | | 3 | 6 | 8 | 11 | 14 | 17 | 19 | 22 | 25 |
| 16 | 2041 | 2068 | 2095 | 2122 | 2148 | 2175 | 2201 | 2227 | 2253 | 2279 | 3 | 6 | 8 | 11 | 14 | 16 | 19 | 22 | 24 |
| | | | | | | | | | | | 3 | 5 | 8 | 10 | 13 | 16 | 18 | 21 | 23 |
| 17 | 2304 | 2330 | 2355 | 2380 | 2405 | 2430 | 2455 | 2480 | 2504 | 2529 | 3 | 5 | 8 | 10 | 13 | 15 | 18 | 20 | 23 |
| | | | | | | | | | | | 3 | 5 | 8 | 10 | 12 | 15 | 17 | 20 | 22 |
| 18 | 2553 | 2577 | 2601 | 2625 | 2648 | 2672 | 2695 | 2718 | 2742 | 2765 | 2 | 5 | 7 | 9 | 12 | 14 | 17 | 19 | 21 |
| | | | | | | | | | | | 2 | 4 | 7 | 9 | 11 | 14 | 16 | 18 | 21 |
| 19 | 2788 | 2810 | 2833 | 2856 | 2878 | 2900 | 2923 | 2945 | 2967 | 2989 | 2 | 4 | 7 | 9 | 11 | 13 | 16 | 18 | 20 |
| | | | | | | | | | | | 2 | 4 | 6 | 8 | 11 | 13 | 15 | 17 | 19 |
| 20 | 3010 | 3032 | 3054 | 3075 | 3096 | 3118 | 3139 | 3160 | 3181 | 3201 | 2 | 4 | 6 | 8 | 11 | 13 | 15 | 17 | 19 |
| 21 | 3222 | 3243 | 3263 | 3284 | 3304 | 3324 | 3345 | 3365 | 3385 | 3404 | 2 | 4 | 6 | 8 | 10 | 12 | 14 | 16 | 18 |
| 22 | 3424 | 3444 | 3464 | 3483 | 3502 | 3522 | 3541 | 3560 | 3579 | 3598 | 2 | 4 | 6 | 8 | 10 | 12 | 14 | 15 | 17 |
| 23 | 3617 | 3636 | 3655 | 3674 | 3692 | 3711 | 3729 | 3747 | 3766 | 3784 | 2 | 4 | 6 | 7 | 9 | 11 | 13 | 15 | 17 |
| 24 | 3802 | 3820 | 3838 | 3856 | 3874 | 3892 | 3909 | 3927 | 3945 | 3962 | 2 | 4 | 5 | 7 | 9 | 11 | 12 | 14 | 16 |
| 25 | 3979 | 3997 | 4014 | 4031 | 4048 | 4065 | 4082 | 4099 | 4116 | 4133 | 2 | 3 | 5 | 7 | 9 | 10 | 12 | 14 | 15 |
| 26 | 4150 | 4166 | 4183 | 4200 | 4216 | 4232 | 4249 | 4265 | 4281 | 4298 | 2 | 3 | 5 | 7 | 8 | 10 | 11 | 13 | 15 |
| 27 | 4314 | 4330 | 4346 | 4362 | 4378 | 4393 | 4409 | 4425 | 4440 | 4456 | 2 | 3 | 5 | 6 | 8 | 9 | 11 | 13 | 14 |
| 28 | 4472 | 4487 | 4502 | 4518 | 4533 | 4548 | 4564 | 4579 | 4594 | 4609 | 2 | 3 | 5 | 6 | 8 | 9 | 11 | 12 | 14 |
| 29 | 4624 | 4639 | 4654 | 4669 | 4683 | 4698 | 4713 | 4728 | 4742 | 4757 | 1 | 3 | 4 | 6 | 7 | 9 | 10 | 12 | 13 |
| 30 | 4771 | 4786 | 4800 | 4814 | 4829 | 4843 | 4857 | 4871 | 4886 | 4900 | 1 | 3 | 4 | 6 | 7 | 9 | 10 | 11 | 13 |
| 31 | 4914 | 4928 | 4942 | 4955 | 4969 | 4983 | 4997 | 5011 | 5024 | 5038 | 1 | 3 | 4 | 6 | 7 | 8 | 10 | 11 | 12 |
| 32 | 5051 | 5065 | 5079 | 5092 | 5105 | 5119 | 5132 | 5145 | 5159 | 5172 | 1 | 3 | 4 | 5 | 7 | 8 | 9 | 11 | 12 |
| 33 | 5185 | 5198 | 5211 | 5224 | 5237 | 5250 | 5263 | 5276 | 5289 | 5302 | 1 | 3 | 4 | 5 | 6 | 8 | 9 | 10 | 12 |
| 34 | 5315 | 5328 | 5340 | 5353 | 5366 | 5378 | 5391 | 5403 | 5416 | 5428 | 1 | 3 | 4 | 5 | 6 | 8 | 9 | 10 | 11 |
| 35 | 5441 | 5453 | 5465 | 5478 | 5490 | 5502 | 5514 | 5527 | 5539 | 5551 | 1 | 2 | 4 | 5 | 6 | 7 | 9 | 10 | 11 |
| 36 | 5563 | 5575 | 5587 | 5599 | 5611 | 5623 | 5635 | 5647 | 5658 | 5670 | 1 | 2 | 4 | 5 | 6 | 7 | 8 | 10 | 11 |
| 37 | 5682 | 5694 | 5705 | 5717 | 5729 | 5740 | 5752 | 5763 | 5775 | 5786 | 1 | 2 | 3 | 5 | 6 | 7 | 8 | 9 | 10 |
| 38 | 5798 | 5809 | 5821 | 5832 | 5843 | 5855 | 5866 | 5877 | 5888 | 5899 | 1 | 2 | 3 | 5 | 6 | 7 | 8 | 9 | 10 |
| 39 | 5911 | 5922 | 5933 | 5944 | 5955 | 5966 | 5977 | 5988 | 5999 | 6010 | 1 | 2 | 3 | 4 | 5 | 7 | 8 | 9 | 10 |
| 40 | 6021 | 6031 | 6042 | 6053 | 6064 | 6075 | 6085 | 6096 | 6107 | 6117 | 1 | 2 | 3 | 4 | 5 | 6 | 8 | 9 | 10 |
| 41 | 6128 | 6138 | 6149 | 6160 | 6170 | 6180 | 6191 | 6201 | 6212 | 6222 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 42 | 6232 | 6243 | 6253 | 6263 | 6274 | 6284 | 6294 | 6304 | 6314 | 6325 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 43 | 6335 | 6345 | 6355 | 6365 | 6375 | 6385 | 6395 | 6405 | 6415 | 6425 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 44 | 6435 | 6444 | 6454 | 6464 | 6474 | 6484 | 6493 | 6503 | 6513 | 6522 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 45 | 6532 | 6542 | 6551 | 6561 | 6471 | 6580 | 6590 | 6599 | 6609 | 6618 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 46 | 6628 | 6637 | 6646 | 6656 | 6665 | 6675 | 6684 | 6693 | 6702 | 6712 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 7 | 8 |
| 47 | 6721 | 6730 | 6739 | 6749 | 6758 | 6767 | 6776 | 6785 | 6794 | 6803 | 1 | 2 | 3 | 4 | 5 | 5 | 6 | 7 | 8 |
| 48 | 6812 | 6821 | 6830 | 6839 | 6848 | 6857 | 6866 | 6875 | 6884 | 6893 | 1 | 2 | 3 | 4 | 4 | 5 | 6 | 7 | 8 |
| 49 | 6902 | 6911 | 6920 | 6928 | 6937 | 6946 | 6955 | 6964 | 6972 | 6981 | 1 | 2 | 3 | 4 | 4 | 5 | 6 | 7 | 8 |

लघुगणक

सारणी 1 (क्रमशः)

| N | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|-----------|------|------|------|------|------|------|------|------|------|------|---|---|---|---|---|---|---|---|---|
| 50 | 6990 | 6998 | 7007 | 7016 | 7024 | 7033 | 7042 | 7050 | 7059 | 7067 | 1 | 2 | 3 | 3 | 4 | 5 | 6 | 7 | 8 |
| 51 | 7076 | 7084 | 7093 | 7101 | 7110 | 7118 | 7126 | 7135 | 7143 | 7152 | 1 | 2 | 3 | 3 | 4 | 5 | 6 | 7 | 8 |
| 52 | 7160 | 7168 | 7177 | 7185 | 7193 | 7202 | 7210 | 7218 | 7226 | 7235 | 1 | 2 | 2 | 3 | 4 | 5 | 6 | 7 | 7 |
| 53 | 7243 | 7251 | 7259 | 7267 | 7275 | 7284 | 7292 | 7300 | 7308 | 7316 | 1 | 2 | 2 | 3 | 4 | 5 | 6 | 6 | 7 |
| 54 | 7324 | 7332 | 7340 | 7348 | 7356 | 7364 | 7372 | 7380 | 7388 | 7396 | 1 | 2 | 2 | 3 | 4 | 5 | 6 | 6 | 7 |
| 55 | 7404 | 7412 | 7419 | 7427 | 7435 | 7443 | 7451 | 7459 | 7466 | 7474 | 1 | 2 | 2 | 3 | 4 | 5 | 5 | 6 | 7 |
| 56 | 7482 | 7490 | 7497 | 7505 | 7513 | 7520 | 7528 | 7536 | 7543 | 7551 | 1 | 2 | 2 | 3 | 4 | 5 | 5 | 6 | 7 |
| 57 | 7559 | 7566 | 7574 | 7582 | 7589 | 7597 | 7604 | 7612 | 7619 | 7627 | 1 | 2 | 2 | 3 | 4 | 5 | 5 | 6 | 7 |
| 58 | 7634 | 7642 | 7649 | 7657 | 7664 | 7672 | 7679 | 7686 | 7694 | 7701 | 1 | 1 | 2 | 3 | 4 | 4 | 5 | 6 | 7 |
| 59 | 7709 | 7716 | 7723 | 7731 | 7738 | 7745 | 7752 | 7760 | 7767 | 7774 | 1 | 1 | 2 | 3 | 4 | 4 | 5 | 6 | 7 |
| 60 | 7782 | 7789 | 7796 | 7803 | 7810 | 7818 | 7825 | 7832 | 7839 | 7846 | 1 | 1 | 2 | 3 | 4 | 4 | 5 | 6 | 6 |
| 61 | 7853 | 7860 | 7768 | 7875 | 7882 | 7889 | 7896 | 7903 | 7910 | 7917 | 1 | 1 | 2 | 3 | 4 | 4 | 5 | 6 | 6 |
| 62 | 7924 | 7931 | 7938 | 7945 | 7952 | 7959 | 7966 | 7973 | 7980 | 7987 | 1 | 1 | 2 | 3 | 3 | 4 | 5 | 6 | 6 |
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| 65 | 8129 | 8136 | 8142 | 8149 | 8156 | 8162 | 8169 | 8176 | 8182 | 8189 | 1 | 1 | 2 | 3 | 3 | 4 | 5 | 5 | 6 |
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| 68 | 8325 | 8331 | 8338 | 8344 | 8351 | 8357 | 8363 | 8370 | 8376 | 8382 | 1 | 1 | 2 | 3 | 3 | 4 | 4 | 5 | 6 |
| 69 | 8388 | 8395 | 8401 | 8407 | 8414 | 8420 | 8426 | 8432 | 8439 | 8445 | 1 | 1 | 2 | 2 | 3 | 4 | 4 | 5 | 6 |
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| 72 | 8573 | 8579 | 8585 | 8591 | 8597 | 8603 | 8609 | 8615 | 8621 | 8627 | 1 | 1 | 2 | 2 | 3 | 4 | 4 | 5 | 5 |
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| 74 | 8692 | 8698 | 8704 | 8710 | 8716 | 8722 | 8727 | 8733 | 8739 | 8745 | 1 | 1 | 2 | 2 | 3 | 4 | 4 | 5 | 5 |
| 75 | 8751 | 8756 | 8762 | 8768 | 8774 | 8779 | 8785 | 8791 | 8797 | 8802 | 1 | 1 | 2 | 2 | 3 | 3 | 4 | 5 | 5 |
| 76 | 8808 | 8814 | 8820 | 8825 | 8831 | 8837 | 8842 | 8848 | 8854 | 8859 | 1 | 1 | 2 | 2 | 3 | 3 | 4 | 5 | 5 |
| 77 | 8865 | 8871 | 8876 | 8882 | 8887 | 8893 | 8899 | 8904 | 8910 | 8915 | 1 | 1 | 2 | 2 | 3 | 3 | 4 | 4 | 5 |
| 78 | 8921 | 8927 | 8932 | 8938 | 8943 | 8949 | 8954 | 8960 | 8965 | 8971 | 1 | 1 | 2 | 2 | 3 | 3 | 4 | 4 | 5 |
| 79 | 8976 | 8982 | 8987 | 8993 | 8998 | 9004 | 9009 | 9015 | 9020 | 9025 | 1 | 1 | 2 | 2 | 3 | 3 | 4 | 4 | 5 |
| 80 | 9031 | 9036 | 9042 | 9047 | 9053 | 9058 | 9063 | 9069 | 9074 | 9079 | 1 | 1 | 2 | 2 | 3 | 3 | 4 | 4 | 5 |
| 81 | 9085 | 9090 | 9096 | 9101 | 9106 | 9112 | 9117 | 9122 | 9128 | 9133 | 1 | 1 | 2 | 2 | 3 | 3 | 4 | 4 | 5 |
| 82 | 9138 | 9143 | 9149 | 9154 | 9159 | 9165 | 9170 | 9175 | 9180 | 9186 | 1 | 1 | 2 | 2 | 3 | 3 | 4 | 4 | 5 |
| 83 | 9191 | 9196 | 9201 | 9206 | 9212 | 9217 | 9222 | 9227 | 9232 | 9238 | 1 | 1 | 2 | 2 | 3 | 3 | 4 | 4 | 5 |
| 84 | 9243 | 9248 | 9253 | 9258 | 9263 | 9269 | 9274 | 9279 | 9284 | 9289 | 1 | 1 | 2 | 2 | 3 | 3 | 4 | 4 | 5 |
| 85 | 9294 | 9299 | 9304 | 9309 | 9315 | 9320 | 9325 | 9330 | 9335 | 9340 | 1 | 1 | 2 | 2 | 3 | 3 | 4 | 4 | 5 |
| 86 | 9345 | 9350 | 9355 | 9360 | 9365 | 9370 | 9375 | 9380 | 9385 | 9390 | 1 | 1 | 2 | 2 | 3 | 3 | 4 | 4 | 5 |
| 87 | 9395 | 9400 | 9405 | 9410 | 9415 | 9420 | 9425 | 9430 | 9435 | 9440 | 0 | 1 | 1 | 2 | 2 | 3 | 3 | 4 | 4 |
| 88 | 9445 | 9450 | 9455 | 9460 | 9465 | 9469 | 9474 | 9479 | 9484 | 9489 | 0 | 1 | 1 | 2 | 2 | 3 | 3 | 4 | 4 |
| 89 | 9494 | 9499 | 9504 | 9509 | 9513 | 9518 | 9523 | 9528 | 9533 | 9538 | 0 | 1 | 1 | 2 | 2 | 3 | 3 | 4 | 4 |
| 90 | 9542 | 9547 | 9552 | 9557 | 9562 | 9566 | 9571 | 9576 | 9581 | 9586 | 0 | 1 | 1 | 2 | 2 | 3 | 3 | 4 | 4 |
| 91 | 9590 | 9595 | 9600 | 9605 | 9609 | 9614 | 9619 | 9624 | 9628 | 9633 | 0 | 1 | 1 | 2 | 2 | 3 | 3 | 4 | 4 |
| 92 | 9638 | 9643 | 9647 | 9652 | 9657 | 9661 | 9666 | 9671 | 9675 | 9680 | 0 | 1 | 1 | 2 | 2 | 3 | 3 | 4 | 4 |
| 93 | 9685 | 9689 | 9694 | 9699 | 9703 | 9708 | 9713 | 9717 | 9722 | 9727 | 0 | 1 | 1 | 2 | 2 | 3 | 3 | 4 | 4 |
| 94 | 9731 | 9736 | 9741 | 9745 | 9750 | 9754 | 9759 | 9763 | 9768 | 9773 | 0 | 1 | 1 | 2 | 2 | 3 | 3 | 4 | 4 |
| 95 | 9777 | 9782 | 9786 | 9791 | 9795 | 9800 | 9805 | 9809 | 9814 | 9818 | 0 | 1 | 1 | 2 | 2 | 3 | 3 | 4 | 4 |
| 96 | 9823 | 9827 | 9832 | 9836 | 9841 | 9845 | 9850 | 9854 | 9859 | 9863 | 0 | 1 | 1 | 2 | 2 | 3 | 3 | 4 | 4 |
| 97 | 9868 | 9872 | 9877 | 9881 | 9886 | 9890 | 9894 | 9899 | 9903 | 9908 | 0 | 1 | 1 | 2 | 2 | 3 | 3 | 4 | 4 |
| 98 | 9912 | 9917 | 9921 | 9926 | 9930 | 9934 | 9939 | 9943 | 9948 | 9952 | 0 | 1 | 1 | 2 | 2 | 3 | 3 | 4 | 4 |
| 99 | 9956 | 9961 | 9965 | 9969 | 9974 | 9978 | 9983 | 9987 | 9997 | 9996 | 0 | 1 | 1 | 2 | 2 | 3 | 3 | 3 | 4 |

प्रतिलिपुगणक

सारणी 2

| N | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|------------|------|------|------|------|------|------|------|------|------|------|---|---|---|---|---|---|---|---|---|
| 00 | 1000 | 1002 | 1005 | 1007 | 1009 | 1012 | 1014 | 1016 | 1019 | 1021 | 0 | 0 | 1 | 1 | 1 | 1 | 2 | 2 | 2 |
| .01 | 1023 | 1026 | 1028 | 1030 | 1033 | 1035 | 1038 | 1040 | 1042 | 1045 | 0 | 0 | 1 | 1 | 1 | 1 | 2 | 2 | 2 |
| .02 | 1047 | 1050 | 1052 | 1054 | 1057 | 1059 | 1062 | 1064 | 1067 | 1069 | 0 | 0 | 1 | 1 | 1 | 1 | 2 | 2 | 2 |
| .03 | 1072 | 1074 | 1076 | 1079 | 1081 | 1084 | 1086 | 1089 | 1091 | 1094 | 0 | 0 | 1 | 1 | 1 | 1 | 2 | 2 | 2 |
| .04 | 1096 | 1099 | 1102 | 1104 | 1107 | 1109 | 1112 | 1114 | 1117 | 1119 | 0 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 |
| .05 | 1122 | 1125 | 1127 | 1130 | 1132 | 1135 | 1138 | 1140 | 1143 | 1146 | 0 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 |
| .06 | 1148 | 1151 | 1153 | 1156 | 1159 | 1161 | 1164 | 1167 | 1169 | 1172 | 0 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 |
| .07 | 1175 | 1178 | 1180 | 1183 | 1186 | 1189 | 1191 | 1194 | 1197 | 1199 | 0 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 |
| .08 | 1202 | 1205 | 1208 | 1211 | 1213 | 1216 | 1219 | 1222 | 1225 | 1227 | 0 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 3 |
| .09 | 1230 | 1233 | 1236 | 1239 | 1242 | 1245 | 1247 | 1250 | 1253 | 1256 | 0 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 3 |
| .10 | 1259 | 1262 | 1265 | 1268 | 1271 | 1274 | 1276 | 1279 | 1282 | 1285 | 0 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 3 |
| .11 | 1288 | 1291 | 1294 | 1297 | 1300 | 1303 | 1306 | 1309 | 1312 | 1315 | 0 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 3 |
| .12 | 1318 | 1321 | 1324 | 1327 | 1330 | 1334 | 1337 | 1340 | 1343 | 1346 | 0 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 3 |
| .13 | 1349 | 1352 | 1355 | 1358 | 1361 | 1365 | 1368 | 1371 | 1374 | 1377 | 0 | 1 | 1 | 1 | 2 | 2 | 2 | 3 | 3 |
| .14 | 1380 | 1384 | 1387 | 1390 | 1393 | 1396 | 1400 | 1403 | 1406 | 1409 | 0 | 1 | 1 | 1 | 2 | 2 | 2 | 3 | 3 |
| .15 | 1413 | 1416 | 1419 | 1422 | 1426 | 1429 | 1432 | 1435 | 1439 | 1442 | 0 | 1 | 1 | 1 | 2 | 2 | 2 | 3 | 3 |
| .16 | 1445 | 1449 | 1452 | 1455 | 1459 | 1462 | 1466 | 1469 | 1472 | 1476 | 0 | 1 | 1 | 1 | 2 | 2 | 2 | 3 | 3 |
| .17 | 1479 | 1483 | 1486 | 1489 | 1493 | 1496 | 1500 | 1503 | 1507 | 1510 | 0 | 1 | 1 | 1 | 2 | 2 | 2 | 3 | 3 |
| .18 | 1514 | 1517 | 1521 | 1524 | 1528 | 1531 | 1535 | 1538 | 1542 | 1545 | 0 | 1 | 1 | 1 | 2 | 2 | 2 | 3 | 3 |
| .19 | 1549 | 1552 | 1556 | 1560 | 1563 | 1567 | 1570 | 1574 | 1578 | 1581 | 0 | 1 | 1 | 1 | 2 | 2 | 3 | 3 | 3 |
| .20 | 1585 | 1589 | 1592 | 1596 | 1600 | 1603 | 1607 | 1611 | 1614 | 1618 | 0 | 1 | 1 | 1 | 2 | 2 | 3 | 3 | 3 |
| .21 | 1622 | 1626 | 1629 | 1633 | 1637 | 1641 | 1644 | 1648 | 1652 | 1656 | 0 | 1 | 1 | 2 | 2 | 2 | 3 | 3 | 3 |
| .22 | 1660 | 1663 | 1667 | 1671 | 1675 | 1679 | 1683 | 1687 | 1690 | 1694 | 0 | 1 | 1 | 2 | 2 | 2 | 3 | 3 | 3 |
| .23 | 1698 | 1702 | 1706 | 1710 | 1714 | 1718 | 1722 | 1726 | 1730 | 1734 | 0 | 1 | 1 | 2 | 2 | 2 | 3 | 3 | 4 |
| .24 | 1738 | 1742 | 1746 | 1750 | 1754 | 1758 | 1762 | 1766 | 1770 | 1774 | 0 | 1 | 1 | 2 | 2 | 2 | 3 | 3 | 4 |
| .25 | 1778 | 1782 | 1786 | 1791 | 1795 | 1799 | 1803 | 1807 | 1811 | 1816 | 0 | 1 | 1 | 2 | 2 | 2 | 3 | 3 | 4 |
| .26 | 1820 | 1824 | 1828 | 1832 | 1837 | 1841 | 1845 | 1849 | 1854 | 1858 | 0 | 1 | 1 | 2 | 2 | 3 | 3 | 3 | 4 |
| .27 | 1862 | 1866 | 1871 | 1875 | 1879 | 1884 | 1888 | 1892 | 1897 | 1901 | 0 | 1 | 1 | 2 | 2 | 3 | 3 | 3 | 4 |
| .28 | 1905 | 1910 | 1914 | 1919 | 1923 | 1928 | 1932 | 1936 | 1941 | 1945 | 0 | 1 | 1 | 2 | 2 | 3 | 3 | 4 | 4 |
| .29 | 1950 | 1954 | 1959 | 1963 | 1968 | 1972 | 1977 | 1982 | 1986 | 1991 | 0 | 1 | 1 | 2 | 2 | 3 | 3 | 4 | 4 |
| .30 | 1995 | 2000 | 2004 | 2009 | 2014 | 2018 | 2023 | 2028 | 2032 | 2037 | 0 | 1 | 1 | 2 | 2 | 3 | 3 | 4 | 4 |
| .31 | 2042 | 2046 | 2051 | 2056 | 2061 | 2065 | 2070 | 2075 | 2080 | 2084 | 0 | 1 | 1 | 2 | 2 | 3 | 3 | 4 | 4 |
| .32 | 2089 | 2094 | 2099 | 2104 | 2109 | 2113 | 2118 | 2123 | 2128 | 2133 | 0 | 1 | 1 | 2 | 2 | 3 | 3 | 4 | 4 |
| .33 | 2138 | 2143 | 2148 | 2153 | 2158 | 2163 | 2168 | 2173 | 2178 | 2183 | 0 | 1 | 1 | 2 | 2 | 3 | 3 | 4 | 4 |
| .34 | 2188 | 2193 | 2198 | 2203 | 2208 | 2213 | 2218 | 2223 | 2228 | 2234 | 1 | 1 | 2 | 2 | 3 | 3 | 4 | 4 | 5 |
| .35 | 2239 | 2244 | 2249 | 2254 | 2259 | 2265 | 2270 | 2275 | 2280 | 2286 | 1 | 1 | 2 | 2 | 3 | 3 | 4 | 4 | 5 |
| .36 | 2291 | 2296 | 2301 | 2307 | 2312 | 2317 | 2323 | 2328 | 2333 | 2339 | 1 | 1 | 2 | 2 | 3 | 3 | 4 | 4 | 5 |
| .37 | 2344 | 2350 | 2355 | 2360 | 2366 | 2371 | 2377 | 2382 | 2388 | 2393 | 1 | 1 | 2 | 2 | 3 | 3 | 4 | 4 | 5 |
| .38 | 2399 | 2404 | 2410 | 2415 | 2421 | 2427 | 2432 | 2438 | 2443 | 2449 | 1 | 1 | 2 | 2 | 3 | 3 | 4 | 4 | 5 |
| .39 | 2455 | 2460 | 2466 | 2472 | 2477 | 2483 | 2489 | 2495 | 2500 | 2506 | 1 | 1 | 2 | 2 | 3 | 3 | 4 | 5 | 5 |
| .40 | 2512 | 2518 | 2523 | 2529 | 2535 | 2541 | 2547 | 2553 | 2559 | 2564 | 1 | 1 | 2 | 2 | 3 | 4 | 4 | 5 | 5 |
| .41 | 2570 | 2576 | 2582 | 2588 | 2594 | 2600 | 2606 | 2612 | 2618 | 2624 | 1 | 1 | 2 | 2 | 3 | 4 | 4 | 5 | 5 |
| .42 | 2630 | 2636 | 2642 | 2649 | 2655 | 2661 | 2667 | 2673 | 2679 | 2685 | 1 | 1 | 2 | 2 | 3 | 4 | 4 | 5 | 6 |
| .43 | 2692 | 2698 | 2704 | 2710 | 2716 | 2723 | 2729 | 2735 | 2742 | 2748 | 1 | 1 | 2 | 3 | 3 | 4 | 4 | 5 | 6 |
| .44 | 2754 | 2761 | 2767 | 2773 | 2780 | 2786 | 2793 | 2799 | 2805 | 2812 | 1 | 1 | 2 | 3 | 3 | 4 | 4 | 5 | 6 |
| .45 | 2818 | 2825 | 2831 | 2838 | 2844 | 2851 | 2858 | 2864 | 2871 | 2877 | 1 | 1 | 2 | 3 | 3 | 4 | 4 | 5 | 6 |
| .46 | 2884 | 2891 | 2897 | 2904 | 2911 | 2917 | 2924 | 2931 | 2938 | 2944 | 1 | 1 | 2 | 3 | 3 | 4 | 4 | 5 | 6 |
| .47 | 2951 | 2958 | 2965 | 2972 | 2979 | 2985 | 2992 | 2999 | 3006 | 3013 | 1 | 1 | 2 | 3 | 3 | 4 | 4 | 5 | 6 |
| .48 | 3020 | 3027 | 3034 | 3041 | 3048 | 3055 | 3062 | 3069 | 3076 | 3083 | 1 | 1 | 2 | 3 | 3 | 4 | 4 | 5 | 6 |
| .49 | 3090 | 3097 | 3105 | 3112 | 3119 | 3126 | 3133 | 3141 | 3148 | 3155 | 1 | 1 | 2 | 3 | 3 | 4 | 4 | 5 | 6 |

प्रतिलिपुणक

सारणी 2 (क्रमशः)

| N | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|-----|------|------|------|------|------|------|------|------|------|------|---|---|---|---|----|----|----|----|----|
| .50 | 3162 | 3170 | 3177 | 3184 | 3192 | 3199 | 3206 | 3214 | 3221 | 3228 | 1 | 1 | 2 | 3 | 4 | 4 | 5 | 6 | 7 |
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| .56 | 3631 | 3639 | 3648 | 3656 | 3664 | 3673 | 3681 | 3690 | 3698 | 3707 | 1 | 2 | 3 | 3 | 4 | 5 | 6 | 7 | 8 |
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| .71 | 5129 | 5140 | 5152 | 5164 | 5176 | 5188 | 5200 | 5212 | 5224 | 5236 | 1 | 2 | 4 | 5 | 6 | 7 | 8 | 10 | 11 |
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