



NUMBER SERIES

~~2~~



(VII) Mix Series

Examples:-

→ 43, 56, 45, 58, 47, 60, 49, 62, ...
+2 +2 +2 +2 +2

L-O, dhadkan
+2

L-O → 76, 83, 94, 101, 112, 119, 130, ...
L-I 7 11 7 11 7 11

L-O, dhadkan
+7, +11

L-O → 7, 12, 22, 42, 82, 162, ...
L-I 5 10 20 40 80
x2 x2 x2 x2

L-I, G.P
x2



L-0 $\rightarrow$ 8, 9, 20, 63, 256,
x1 x2 x3 x4 x5
+1 +2 +3 +4 +5

$\rightarrow$ 11, 13, 10, 15, 8, 19,
+2 -3 +5 -7 +11 -13 +17 -19

दो तर्क ✓

$\rightarrow$ 13, 18, 8, 23, 3,
-5 -5 -5
+5 +5 +5

Number
Vision

1^2 2^3 3^2 4^3 5^2 6^3 7^2 8^3
✓ 1, 8, 9, 64, 25, 216 49 512
→ 0, 7, 8, 63, 24, 215, 48, 511

→ 5, 10, 30, 60, 180, 360, 1080, 2160, 6480
x2 x3 x2 x3 x2 x3 x2 x3

✓ Thought Process



L-0 Series $\rightarrow T_1, T_2, T_3, T_4, T_5, T_6, \dots$

Basic
maths
A.P
G.P
fabonacci

L-0 $\rightarrow$ जो सवाल न दिया हो

✓ L-1

Basic
A.P, G.P
fabonacci

✓ L-2

✓ L-3

✓ L-4

↓
Cycle (यह प्रक्रिया बार बार दोहराएं।)

Thought Process



Series ✓ → $T_1, T_2, T_3, T_4, T_5, T_6, \dots$

- Basics ✓
- Addition/ Subtraction ✓ A.P
- Multiplication/ division ✓ G.P
- Fabanacci Series ✓
- Difference Series ✓

Cycle (यह प्रक्रिया बार बार दोहराएं।)

PRACTICE

✓ ପ୍ରଶ୍ନ

QUESTIONS

1



27, 28, 24, 33, 17, 42
+1 -4 +9 -16 +25

Select the number from among the given options that can replace the question mark (?) in the following Series.

दिए गए विकल्पों में से उस संख्या का चयन करें जो निम्नलिखित श्रृंखला में प्रश्न चिह्न (?) को प्रतिस्थापित कर सके।।

27, 28, 24, 33, 17, ?

✓ (a) 42

(b) 24

(c) 84

(d) 19

QUESTIONS

2

Select the number from among the given options that can replace the question mark (?) in the following Series.

दिए गए विकल्पों में से उस संख्या का चयन करें जो निम्नलिखित श्रृंखला में प्रश्न चिह्न (?) को प्रतिस्थापित कर सके।।

37, 40, 46, 55, ? 67
L-I 3 6 9 12
(a) 65

(b) 78

(c) 66

✓ (d) 67

L-I, A.P
+3

QUESTIONS

3

L-0, Multi
 $\times 2+1$

Select the number from among the given options that can replace the question mark (?) in the following Series.

दिए गए विकल्पों में से उस संख्या का चयन करें जो निम्नलिखित श्रृंखला में प्रश्न चिह्न (?) को प्रतिस्थापित कर सके।।

35, 71, 143, 287, ? $\overset{574+1}{\boxed{575}}$
 $\times 2+1 \quad \times 2+1 \quad \times 2+1 \quad \times 2+1$

(a) 323

✓ (b) 575

(c) 624

(d) 730

QUESTIONS

4

L-I, G.P
x3

Select the number from among the given options that can replace the question mark (?) in the following Series.

दिए गए विकल्पों में से उस संख्या का चयन करें जो निम्नलिखित श्रृंखला में प्रश्न चिह्न (?) को प्रतिस्थापित कर सके।।

L-I 600, 597, 588, 561, ? 480

L-I (a) 677 $\times 3$ $\times 3$ $\times 3$ $\times 3$

(b) 487

✓ (c) 480

(d) 484

QUESTIONS

5

Select the number from among the given options that can replace the question mark (?) in the following Series.

दिए गए विकल्पों में से उस संख्या का चयन करें जो निम्नलिखित श्रृंखला में प्रश्न चिह्न (?) को प्रतिस्थापित कर सके।।

L-0 26, 75, 156, 277, ?
L-I 49 81 121 169

(a) 764 72 92 112 132

(b) 577

(c) 486

✓ (d) 446

QUESTIONS

6

Select the number from among the given options that can replace the question mark (?) in the following Series.

दिए गए विकल्पों में से उस संख्या का चयन करें जो निम्नलिखित श्रृंखला में प्रश्न चिह्न (?) को प्रतिस्थापित कर सके।।

82, 109, 173, 298, ?

(a) 345

✓ (b) 514

(c) 1002

(d) 731

27 64 125 216
5³ 6³

QUESTIONS

7

L-I, A.P.
+4

Select the number from among the given options that can replace the question mark (?) in the following Series.

दिए गए विकल्पों में से उस संख्या का चयन करें जो निम्नलिखित श्रृंखला में प्रश्न चिह्न (?) को प्रतिस्थापित कर सके।।

72, 76, 84, 96, 112, ? 132

L-I 4 4 8 4 12 4 16 4 20

✓ (a) 132

(b) 142

(c) 136

(d) 128

QUESTIONS

8

Select the number from among the given options that can replace the question mark (?) in the following Series.

दिए गए विकल्पों में से उस संख्या का चयन करें जो निम्नलिखित श्रृंखला में प्रश्न चिह्न (?) को प्रतिस्थापित कर सके।।

127, 143, 129, 141, 131, 139, ? 133

+16

-14

+12

-10

+8

-6

(a) 137

(b) 141

(c) 129

✓ (d) 133

अडकन
↓
नहीं

QUESTIONS

9

Select the number from among the given options that can replace the question mark (?) in the following Series.

दिए गए विकल्पों में से उस संख्या का चयन करें जो निम्नलिखित श्रृंखला में प्रश्न चिह्न (?) को प्रतिस्थापित कर सके।।

3, 10, 24, 52, ?

$\begin{matrix} & 7 & 14 & 28 & 56 \\ \checkmark (a) & 108 \end{matrix}$

(b) 116

(c) 362

(d) 72

QUESTIONS

10

Select the number from among the given options that can replace the question mark (?) in the following Series.

दिए गए विकल्पों में से उस संख्या का चयन करें जो निम्नलिखित श्रृंखला में प्रश्न चिह्न (?) को प्रतिस्थापित कर सके।।

86, 90, 94, 102, 110, 122, 134, ?



(a) 156

✓ (b) 150

(c) 160

(d) 152

QUESTIONS

11

Select the number from among the given options that can replace the question mark (?) in the following Series.

दिए गए विकल्पों में से उस संख्या का चयन करें जो निम्नलिखित श्रृंखला में प्रश्न चिह्न (?) को प्रतिस्थापित कर सके।।

9, 15, 33, 87, ²⁶¹⁻¹²?, ²⁴⁹735, 2193

(a) 237

(b) 225

✓ (c) 249

(d) 241

L-0, 55011
x3-12

QUESTIONS

12

Select the number from among the given options that can replace the question mark (?) in the following Series.

दिए गए विकल्पों में से उस संख्या का चयन करें जो निम्नलिखित श्रृंखला में प्रश्न चिह्न (?) को प्रतिस्थापित कर सके।।

8162, 7213, 6244, ⁵²⁵⁵?, 4246

(a) 5552 _{-949 -969 -989 -1009}
_{-20 -20 -20}

✓ (b) 5255

(c) 2555

(d) 5525

QUESTIONS

13

Select the number from among the given options that can replace the question mark (?) in the following Series.

दिए गए विकल्पों में से उस संख्या का चयन करें जो निम्नलिखित श्रृंखला में प्रश्न चिह्न (?) को प्रतिस्थापित कर सके।।

L-0 3, 7, 18, 40, 75, 127, 198, 292, 415, 569, 760
L-1 4, 11, 22, 35, 52, 75, 104, 139, 181, 220, 265, 316, 373, 437, 506, 581, 662, 749, 842, 941, 1051, 1172, 1305, 1450, 1607, 1776, 1957, 2150, 2365, 2592, 2831, 3082, 3345, 3620, 3907, 4206, 4517, 4840, 5175, 5522, 5881, 6252, 6635, 7030, 7437, 7856, 8287, 8730, 9185, 9652, 10131, 10622, 11125, 11640, 12167, 12706, 13257, 13820, 14395, 14982, 15581, 16192, 16815, 17450, 18097, 18756, 19427, 20110, 20805, 21512, 22231, 22962, 23705, 24460, 25227, 26006, 26797, 27600, 28415, 29242, 30081, 30932, 31795, 32670, 33557, 34456, 35367, 36290, 37225, 38172, 39131, 40102, 41085, 42080, 43087, 44106, 45137, 46180, 47235, 48302, 49381, 50472, 51575, 52690, 53817, 54956, 56107, 57270, 58445, 59632, 60831, 62042, 63265, 64500, 65747, 67006, 68277, 69560, 70855, 72162, 73481, 74812, 76155, 77510, 78877, 80256, 81647, 83050, 84465, 85892, 87331, 88782, 90245, 91720, 93207, 94706, 96217, 97740, 99275, 100822, 102381, 103952, 105535, 107130, 108737, 110356, 111987, 113630, 115285, 116952, 118631, 120322, 122025, 123740, 125467, 127206, 128957, 130720, 132495, 134282, 136081, 137892, 139715, 141550, 143397, 145256, 147127, 149010, 150905, 152812, 154731, 156662, 158605, 160560, 162527, 164506, 166497, 168500, 170515, 172542, 174581, 176632, 178695, 180770, 182857, 184956, 187067, 189190, 191325, 193472, 195631, 197802, 200085, 202380, 204687, 207006, 209337, 211680, 214035, 216402, 218781, 221172, 223575, 225990, 228417, 230856, 233307, 235770, 238245, 240732, 243231, 245742, 248265, 250800, 253347, 255906, 258477, 261060, 263655, 266262, 268881, 271512, 274155, 276810, 279477, 282156, 284847, 287550, 290265, 292992, 295731, 298482, 301245, 304020, 306807, 309606, 312417, 315240, 318075, 320922, 323781, 326652, 329535, 332430, 335337, 338256, 341187, 344130, 347085, 350052, 353031, 356022, 359025, 362040, 365067, 368106, 371157, 374220, 377295, 380382, 383481, 386592, 389715, 392850, 395997, 399156, 402327, 405510, 408705, 411912, 415131, 418362, 421605, 424860, 428127, 431406, 434697, 437990, 441295, 444612, 447941, 451282, 454635, 457990, 461357, 464736, 468127, 471530, 474945, 478372, 481811, 485262, 488725, 492190, 495667, 499156, 502657, 506170, 509695, 513232, 516781, 520342, 523915, 527500, 531097, 534706, 538327, 541950, 545585, 549232, 552891, 556562, 560245, 563940, 567647, 571366, 575097, 578840, 582595, 586362, 590141, 593932, 597735, 601550, 605377, 609216, 613067, 616930, 620805, 624692, 628591, 632502, 636425, 640360, 644307, 648266, 652237, 656220, 660215, 664222, 668241, 672272, 676315, 680370, 684437, 688516, 692607, 696710, 700825, 704952, 709091, 713242, 717405, 721580, 725767, 729966, 734177, 738390, 742615, 746852, 751091, 755342, 759605, 763880, 768167, 772466, 776777, 781090, 785415, 789752, 794091, 798442, 802795, 807160, 811537, 815926, 820327, 824740, 829165, 833602, 838051, 842512, 846985, 851470, 855967, 860476, 864997, 869530, 874075, 878632, 883201, 887782, 892375, 896980, 901597, 906226, 910867, 915520, 920185, 924862, 929551, 934252, 938965, 943690, 948427, 953176, 957937, 962710, 967495, 972292, 977101, 981922, 986755, 991600, 996457, 1001326, 1006207, 1011100, 1016005, 1020922, 1025851, 1030792, 1035745, 1040710, 1045687, 1050676, 1055677, 1060690, 1065715, 1070752, 1075801, 1080862, 1085935, 1091020, 1096117, 1101226, 1106347, 1111480, 1116625, 1121782, 1126951, 1132132, 1137325, 1142530, 1147747, 1152976, 1158217, 1163470, 1168735, 1174012, 1179301, 1184602, 1189915, 1195240, 1200577, 1205926, 1211287, 1216660, 1222045, 1227442, 1232851, 1238272, 1243705, 1249150, 1254607, 1260076, 1265557, 1271050, 1276555, 1282072, 1287601, 1293142, 1298695, 1304260, 1309837, 1315426, 1321027, 1326640, 1332265, 1337902, 1343551, 1349212, 1354885, 1360570, 1366267, 1371976, 1377697, 1383430, 1389175, 1394932, 1400701, 1406482, 1412275, 1418080, 1423897, 1429726, 1435567, 1441420, 1447285, 1453162, 1459051, 1464952, 1470865, 1476790, 1482727, 1488676, 1494637, 1500610, 1506595, 1512592, 1518601, 1524622, 1530655, 1536700, 1542757, 1548826, 1554907, 1560990, 1567085, 1573192, 1579311, 1585442, 1591585, 1597740, 1603907, 1610086, 1616277, 1622480, 1628695, 1634922, 1641161, 1647412, 1653675, 1659950, 1666237, 1672536, 1678847, 1685170, 1691505, 1697852, 1704211, 1710582, 1716965, 1723360, 1729767, 1736186, 1742617, 1749060, 1755515, 1761982, 1768461, 1774952, 1781455, 1787970, 1794497, 1801036, 1807587, 1814150, 1820725, 1827312, 1833911, 1840522, 1847145, 1853780, 1860427, 1867086, 1873757, 1880440, 1887135, 1893842, 1900561, 1907292, 1914035, 1920790, 1927557, 1934336, 1941127, 1947930, 1954745, 1961572, 1968411, 1975262, 1982125, 1989000, 1995887, 2002786, 2009697, 2016620, 2023555, 2030502, 2037461, 2044432, 2051415, 2058410, 2065417, 2072436, 2079457, 2086480, 2093515, 2100562, 2107621, 2114692, 2121775, 2128870, 2135977, 2143096, 2150227, 2157370, 2164525, 2171692, 2178871, 2186062, 2193265, 2200480, 2207707, 2214946, 2222197, 2229460, 2236735, 2244022, 2251321, 2258632, 2265955, 2273290, 2280637, 2287996, 2295367, 2302750, 2310145, 2317552, 2324971, 2332402, 2339845, 2347300, 2354767, 2362246, 2369737, 2377240, 2384755, 2392282, 2399821, 2407372, 2414935, 2422510, 2430097, 2437696, 2445307, 2452930, 2460565, 2468212, 2475871, 2483542, 2491225, 2498920, 2506627, 2514346, 2522077, 2529820, 2537575, 2545342, 2553121, 2560912, 2568715, 2576530, 2584357, 2592196, 2600047, 2607910, 2615785, 2623672, 2631571, 2639482, 2647405, 2655340, 2663287, 2671246, 2679217, 2687200, 2695195, 2703202, 2711221, 2719252, 2727295, 2735350, 2743417, 2751496, 2759587, 2767690, 2775805, 2783932, 2792071, 2800222, 2808385, 2816560, 2824747, 2832946, 2841157, 2849380, 2857615, 2865862, 2874121, 2882392, 2890675, 2898970, 2907277, 2915596, 2923927, 2932270, 2940625, 2948992, 2957371, 2965762, 2974165, 2982580, 2991007, 2999446, 3007897, 3016360, 3024835, 3033322, 3041821, 3050332, 3058855, 3067390, 3075937, 3084496, 3093067, 3101650, 3110245, 3118852, 3127471, 3136102, 3144745, 3153400, 3162067, 3170746, 3179437, 3188140, 3196855, 3205582, 3214321, 3223072, 3231835, 3240610, 3249397, 3258196, 3267007, 3275830, 3284665, 3293512, 3302371, 3311242, 3320125, 3329020, 3337927, 3346846, 3355777, 3364720, 3373675, 3382642, 3391621, 3400612, 3409615, 3418630, 3427657, 3436696, 3445747, 3454810, 3463885, 3472972, 3482071, 3491182, 3500305, 3509440, 3518587, 3527746, 3536917, 3546100, 3555295, 3564502, 3573721, 3582952, 3592195, 3601450, 3610717, 3619996, 3629287, 3638590, 3647905, 3657232, 3666571, 3675922, 3685285, 3694660, 3704047, 3713446, 3722857, 3732280, 3741715, 3751162, 3760621, 3770092, 3779575, 3789070, 3798577, 3808096, 3817627, 3827170, 3836725, 3846292, 3855871, 3865462, 3875065, 3884680, 3894307, 3903946, 3913597, 3923260, 3932935, 3942622, 3952321, 3962032, 3971755, 3981490, 3991237, 4000996, 4010767, 4020550, 4030345, 4040152, 4049971, 4059802, 4069645, 4079500, 4089367, 4099246, 4109137, 4119040, 4128955, 4138882, 4148821, 4158772, 4168735, 4178710, 4188697, 4198696, 4208707, 4218730, 4228765, 4238812, 4248871, 4258942, 4269025, 4279120, 4289227, 4299346, 4309477, 4319620, 4329775, 4339942, 4350121, 4360312, 4370515, 4380730, 4390957, 4401196, 4411447, 4421710, 4431985, 4442272, 4452571, 4462882, 4473205, 4483540, 4493887, 4504246, 4514617, 4525000, 4535395, 4545802, 4556221, 4566652, 4577095, 4587550, 4598017, 4608496, 4618987, 4629490, 4639905, 4650332, 4660771, 4671222, 4681685, 4692160, 4702647, 4713146, 4723657, 4734180, 4744715, 4755262, 4765821, 4776392, 4786975, 4797570, 4808177, 4818796, 4829427, 4840070, 4850725, 4861392, 4872071, 4882762, 4893465, 4904180, 4914907, 4925646, 4936397, 4947160, 4957935, 4968722, 4979521, 4990332, 5001155, 5011990, 5022837, 5033696, 5044567, 5055450, 5066345, 5077252, 5088171, 5099102, 5110045, 5120990, 5131947, 5142916, 5153897, 5164890, 5175895, 5186912, 5197941, 5208982, 5219035, 5229100, 5239177, 5249266, 5259367, 5269480, 5279605, 5289742, 5299891, 5310052, 5320225, 5330410, 5340607, 5350816, 5361037, 5371260, 5381495, 5391742, 5401991, 5412252, 5422525, 5432810, 5443107, 5453416, 5463737, 5474070, 5484415, 5494772, 5505141, 5515522, 5525915, 5536320, 5546737, 5557166, 5567607, 5578060, 5588525, 5598992, 5609471, 5619962, 5630465, 5640980, 5651507, 5662046, 5672597, 5683160, 5693735, 5704322, 5714921, 5725532, 5736155, 5746790, 5757437, 5768096, 5778767, 5789450, 5799145, 5809852, 5819571, 5829302, 5839045, 5848800, 5858567, 5868346, 5878137, 5887940, 5897755, 5907582, 5917421, 5927272, 5937135, 5947010, 5956897, 5966796, 5976707, 5986630, 5996565, 6006512, 6016471, 6026442, 6036425, 6046420, 6056427, 6066446, 6076477, 6086520, 6096575, 6106642, 6116721, 6126812, 6136915, 6147030, 6157157, 6167296, 6177447, 6187610, 6197785, 6207972, 6218171, 6228382, 6238605, 6248840, 6259087, 6269346, 6279617, 6289900, 6299195, 6309502, 6319821, 6329152, 6339495, 6349850, 6359217, 6369596, 6379987, 6390390, 6400805, 6411232, 6421671, 6432122, 6442585, 6453060, 6463547, 6474046, 6484557, 6495080, 6505615, 6516162, 6526721, 6537292, 6547875, 6558470, 6569077, 6579696, 6590327, 6600970, 6611625, 6622292, 6632971, 6643662, 6654365, 6665080, 6675807, 6686546, 6697297, 6708060, 6718835, 6729622, 6740421, 6751232, 6762055, 6772890, 6783737, 6794596, 6805467, 6816350, 6827245, 6838152, 6849071, 6859992, 6870925, 6881870, 6892827, 6903796, 6914777, 6925770, 6936775, 6947792, 6958821, 6969862, 6980915, 6991980, 7003057, 7014146, 7025247, 7036360, 7047485, 7058622, 7069771, 7080932, 7092105, 7103290, 7114487, 7125696, 7136917, 7148150, 7159395, 7170652, 7181921, 7193202, 7204495, 7215800, 7227117, 7238446, 7249787, 7261140, 7272505, 7283882, 7295271, 7306672, 7318085, 7329510, 7340947, 7352396, 7363857, 7375330, 7386815, 7398312, 7409821, 7421342, 7432875, 7444420, 7455977, 7467546, 7479127, 7490720, 7502325, 7513942, 7525571, 7537212, 7548865, 7560530, 7572207, 7583896, 7595597, 7607310, 7619035, 7630772, 7642521, 7654282, 7666055, 7677840, 7689637, 7701446, 7713267, 7725090, 7736925, 7748772, 7760631, 7772502, 7784385, 7796280, 7808187, 7820106, 7832037, 7843980, 7855935, 7867902, 7879881, 7891872, 7903875, 7915890, 7927917, 7939956, 7951997, 7964050, 7976115, 7988192, 8000281, 8012382, 8024495, 8036620, 8048757, 8060906, 8073067, 8085240, 8097425, 8109622, 8121831, 8134052, 8146285, 8158530, 8170787, 8183056, 8195337, 8207630, 8219935, 8232252, 8244581, 8256922, 8269275, 8281640, 8294017, 8306406, 8318807, 8331220, 8343645, 8356082, 8368531, 8380992, 8393465, 8405950, 8418447, 8430956, 8443477, 8456000, 8468535, 8481082, 8493641, 8506212, 8518795, 8531390, 8544007, 8556636, 8569277, 8581930, 8594595, 8607272, 8619961, 8632662, 8645375, 8658100, 8670837, 8683586, 8696347, 8709120, 8721905, 8734702, 8747511, 8760332, 8773165, 8786010, 8798867, 8811736, 8824617, 8837510, 8850415, 8863332, 8876261, 8889202, 8902155, 8915120, 8928097, 8941086, 8954087, 8967090, 8980105, 8993132, 9006171, 9019222, 9032285, 9045360, 9058447, 9071546, 9084657, 9097780, 9110915, 9124062, 9137221, 9150392, 9163575, 9176770, 9189977, 9203196, 9216427, 9229670, 9242925, 9256192, 9269471, 9282762, 9296065, 9309380, 9322707, 9336046, 9349397, 9362760, 9376135, 9389522, 9402921, 9416332, 9429755, 9443190, 9456637, 9470096, 9483567, 9497050, 9510545, 9524052, 9537571, 9551102, 9564645, 9578200, 9591767, 9605346, 9618937, 9632540, 9646155, 9659782, 9673421, 9687072, 9700735, 9714410, 9728097, 9741796, 9755507, 9769230, 9782965, 9796712, 9810471, 9824242, 9838025, 9851820, 9865627, 9879446, 9893277, 9907120, 9920975, 9934842, 9948721, 9962612, 9976515, 9990430, 10004357, 10018296, 10032247, 10046210, 10060185, 10074172, 10088171, 10102182, 10116205, 10130240, 10144287, 10158346, 10172417, 10186490, 10200575, 10214672, 10228781, 10242892, 10256915, 10270950, 10285007, 10299076, 10313157, 10327250, 10341355, 10355472, 10369591, 10383722, 10397865, 10412020, 10426187, 10440366, 10454557, 10468760, 10482975, 10497192, 10511421, 10525662, 10539915, 10554180, 10568457, 10582746, 10597047, 10611360, 10625685, 10639922, 10654171, 10668432, 10682705, 10696990, 10711287, 10725596, 10739917, 10754250, 10768

QUESTIONS

14

Select the number from among the given options that can replace the question mark (?) in the following Series.

दिए गए विकल्पों में से उस संख्या का चयन करें जो निम्नलिखित श्रृंखला में प्रश्न चिह्न (?) को प्रतिस्थापित कर सके।।

11, 15, 23, ?, 71, 135, 263, 519

(a) 57

(b) 27

(c) 43

(d) 39

Handwritten solution showing the series and the pattern:

11	15	23	<u>39</u>	71	135	263	519
	4	8	16	32	64	128	256
	2^2	2^3	2^4	2^5	2^6	2^7	2^8

The pattern is: $L_n = L_{n-1} + 2^n$. The handwritten note in a circle says: $L_n = L_{n-1} \times 2$.

QUESTIONS

15

Select the number from among the given options that can replace the question mark (?) in the following Series.

दिए गए विकल्पों में से उस संख्या का चयन करें जो निम्नलिखित श्रृंखला में प्रश्न चिह्न (?) को प्रतिस्थापित कर सके।।

28, 43, 73, 133, 253, ?

(a) 353

✓ (b) 493

(c) 473

(d) 513

28, 43, 73, 133, 253, 493

L-I 15 30 60 120 240
x2 x2 x2 x2

L-I, G.P
x2

QUESTIONS

16

Select the number from among the given options that can replace the question mark (?) in the following Series.

दिए गए विकल्पों में से उस संख्या का चयन करें जो निम्नलिखित श्रृंखला में प्रश्न चिह्न (?) को प्रतिस्थापित कर सके।।

48, 87, 165, 204, 282, 321, ?

(a) 399

(b) 409

(c) 419

(d) 389

48, 87, 165, 204, 282, 321, 399

L-I 39 78 39 78 39 78

L-I, संकातर
+39/+78

QUESTIONS

17

$$\begin{array}{ccccccc} 100 & , & 105 & , & 92 & , & 113 & , & 84 & , & \boxed{121} \\ \downarrow & & \downarrow & & \downarrow & & \downarrow & & \downarrow & & \downarrow \\ +5 & & -13 & & +21 & & -29 & & +37 \\ \downarrow & & \downarrow & & \downarrow & & \downarrow & & \downarrow \\ 8 & & 8 & & 8 & & 8 & & 8 \end{array}$$

Select the number from among the given options that can replace the question mark (?) in the following Series.

दिए गए विकल्पों में से उस संख्या का चयन करें जो निम्नलिखित श्रृंखला में प्रश्न चिह्न (?) को प्रतिस्थापित कर सके।।

$$\begin{array}{ccccccc} & & -8 & & -8 & & \\ & \swarrow & & \searrow & & \swarrow & \searrow \\ 100 & , & 105 & , & 92 & , & 113 & , & 84 & , & ? & \\ & \swarrow & & \searrow & & \swarrow & \searrow & & & & & \\ & +8 & & +8 & & +8 & & & & & & \end{array}$$

दो तर्क

- (a) 121
- (b) 118
- (c) 120
- (d) 122

QUESTIONS

18

Select the number from among the given options that can replace the question mark (?) in the following Series.

दिए गए विकल्पों में से उस संख्या का चयन करें जो निम्नलिखित श्रृंखला में प्रश्न चिह्न (?) को प्रतिस्थापित कर सके।।

18, 54, 29, 87, 62, 186, ? | 161

$\times 3$ $\times 3$
 $\times 3 - 25$ $- 25$ $- 25$



(a) 154

(b) 156

☒ (c) 161

(d) 174

QUESTIONS

19

6, 11, 33, 65, 141, 281

Handwritten annotations:
6 to 11: $\times 2 - 1$
11 to 33: $\times 3$
33 to 65: $\times 2 + 1$
65 to 141: $\times 2 - 1$
141 to 281: $\times 2 + 1$

Select the number from among the given options that can replace the question mark (?) in the following Series.

दिए गए विकल्पों में से उस संख्या का चयन करें जो निम्नलिखित श्रृंखला में प्रश्न चिह्न (?) को प्रतिस्थापित कर सके।।

6, 11, 33, 65, 141, ?

(a) 278

(b) 321

✓ (c) 281

(d) 192

L-0, Alternate multiplication

QUESTIONS

20

Select the number from among the given options that can replace the question mark (?) in the following Series.

दिए गए विकल्पों में से उस संख्या का चयन करें जो निम्नलिखित श्रृंखला में प्रश्न चिह्न (?) को प्रतिस्थापित कर सके।।

35, 33, 99, 95, 475, ? 469

$-2 \quad \times 3 \quad -4 \quad \times 5 \quad -6$

(a) 2805

✓ (b) 469

(c) 780

(d) 950