دومین دوره مسابقات استانی محاسبات ذهنی با چرتکه

# اندیشه برتر

## «ترم ششم»

نام و نام خانوادگی: .....

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9 | 8 | 4 | 3 | 8 | 7 | 6 | 8 | 6 | 2 | 4 | 7 | 1 | 6 | 5 | 6 | 7 | 9 | 3 | 2 |
| 1 | 2 | 6 | 7 | 6 | 6 | 4 | 6 | 4 | 4 | 6 | 4 | 9 | 5 | 5 | 9 | 8 | 7 | 7 | 4 |
| 9 | 9 | 5 | 6 | 6 | 9 | 8 | 9 | 7 | 6 | 3 | 9 | 8 | 9 | 6 | 3 | 5 | 4 | 9 | 4 |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 |
| 3 | 1 | 3 | 3 | 1 | 36 | 67 | 43 | 34 | 27 | 43 | 13 | 29 | 42 | 43 | 74 | 68 | 20 | 46 | 86 |
| 4 | 6 | 3 | 4 | 7 | 24 | 43 | 84 | 75 | 13 | 62 | 27 | 11 | 68 | 62 | 16 | -42 | 89 | 14 | 24 |
| 3 | 4 | 9 | 3 | 2 | 19 | 96 | -83 | -66 | 56 | -13 | 19 | 57 | 27 | 85 | 29 | 84 | -34 | 47 | -78 |
| | | | | | -47 | -17 | 62 | 29 | -19 | 13 | 11 | 28 | 74 | -90 | -97 | 87 | 15 | -63 | 17 |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 |
| 24 | 23 | 43 | 43 | 32 | 28 | 37 | 19 | 33 | 28 | 14 | 27 | 29 | 97 | 36 | 68 | 25 | 43 | 32 | 14 |
| 32 | 26 | 28 | 19 | 14 | 82 | 53 | 27 | 88 | 17 | 16 | 18 | 67 | 13 | 24 | 42 | 85 | 67 | 78 | 11 |
| 87 | 32 | 32 | 26 | 67 | 67 | 18 | 64 | -38 | 75 | 78 | 65 | -14 | 67 | 19 | -70 | 76 | 78 | -48 | 35 |
| 16 | 18 | 19 | -45 | 94 | -83 | 22 | 69 | 14 | 86 | -24 | 76 | 34 | -83 | -47 | 57 | -97 | -99 | 23 | 97 |
| | | | | 70 | 12 | -46 | -98 | -19 | -43 | 21 | 13 | -22 | 11 | 78 | 23 | 38 | 70 | 22 | -63 |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |

| 41 | 42 | 43 | 44 | 45 | 46 |
|---|---|---|---|---|---|
| 68 | 43 | 18 | 19 | 21 | 63 |
| 18 | 62 | 74 | 17 | 18 | 72 |
| 69 | 96 | 29 | 24 | -24 | 64 |
| 27 | 26 | 43 | 17 | 95 | -38 |
| | | | | | |
| | | | | | |
| 67 | 68 | 69 | 70 | 71 | 72 |
| 32 | 73 | 34 | 43 | 66 | 43 |
| 89 | 49 | 72 | 67 | 93 | 84 |
| 34 | -89 | 64 | 98 | -59 | 93 |
| -83 | 72 | -97 | -29 | 17 | -84 |
| 48 | -13 | 26 | 20 | -73 | 13 |
| | | | | | |
| | | | | | |

| 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 |
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| 48 | 39 | 77 | 24 | 34 | 24 | 78 | 11 | 76 | 11 | 20 | 32 | 11 | 43 | 32 | 13 | 15 | 83 | 44 | 13 | 33 | 17 | 13 | 97 | 14 | 19 |
| 12 | 21 | -43 | 84 | 26 | 16 | 32 | 99 | 84 | 99 | 14 | 78 | 96 | 68 | 78 | 67 | 67 | 26 | 26 | 17 | 28 | 13 | 86 | 18 | 26 | 26 |
| 19 | 46 | 96 | -99 | 64 | 37 | -19 | 67 | -99 | 65 | -15 | 69 | 83 | 99 | 64 | 74 | 43 | 14 | -11 | -19 | 11 | 89 | 26 | 45 | 37 | 35 |
| -38 | -83 | -48 | 36 | 87 | 13 | 28 | -83 | 19 | 35 | 82 | 81 | 18 | 74 | -85 | -43 | 65 | -89 | 13 | 55 | -17 | 11 | -94 | -92 | 13 | 27 |
| 69 | 64 | 13 | 73 | 64 | 18 | 92 | 16 | -66 | 98 | 16 | -87 | -79 | -86 | -69 | 94 | 64 | 42 | -14 | 14 | 26 | 18 | 43 | 19 | 17 | -18 |
|  |  |  | 94 | 52 | 69 | -87 | 78 | 24 | 12 | -18 | -19 | 31 | 11 | 98 | -86 | 56 | 14 | 12 | 27 | 14 | -54 | 65 | 23 | -88 | -69 |

| 99 | 100 | 101 | 102 | 103 | 104 | 105 | 106 | 107 | 108 | 109 | 110 | 111 | 112 | 113 | 114 | 115 | 116 | 117 | 118 | 119 | 120 | 121 | 122 | 123 | 124 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24 | 77 | 61 | 14 | 39 | 42 | 55 | 21 | 32 | 14 | 17 | 11 | 18 | 28 | 42 | 19 | 14 | 19 | 13 | 43 | 36 | 46 | 21 | 45 | 39 | 19 |
| 16 | 13 | 37 | 92 | 26 | 68 | 55 | 36 | 74 | 26 | 23 | 97 | 12 | 89 | 66 | 96 | 76 | 11 | 64 | 64 | 24 | 29 | 19 | 19 | 11 | 93 |
| 18 | -50 | -76 | -94 | -42 | -87 | 96 | 13 | -94 | 67 | 46 | 12 | -19 | 64 | 72 | 66 | 17 | 42 | 87 | 27 | 92 | 86 | 63 | 56 | 60 | 68 |
| 53 | 19 | 19 | 28 | 87 | 68 | 14 | 45 | 78 | 73 | 24 | 89 | 26 | 19 | 27 | 19 | 64 | 38 | 46 | 76 | 18 | 47 | 77 | 17 | 72 | -76 |
| -74 | 11 | 69 | 77 | -70 | 99 | -81 | -82 | 19 | 75 | -97 | 21 | 73 | -64 | -39 | 46 | -17 | 17 | 98 | 27 | -87 | 12 | -98 | 73 | -63 | 96 |
| 24 | 84 | -76 | -98 | 59 | 14 | 22 | 77 | 11 | 25 | 28 | -47 | 97 | 24 | 62 | 54 | 76 | -99 | 22 | -84 | -64 | 68 | 16 | 19 | 11 | 77 |
|  |  | 42 | 11 | 11 | -72 | 19 | -98 | 87 | -26 | 34 | -99 | -63 | -71 | 74 | 33 | 49 | 62 | -71 | 27 | 91 | -69 | -79 | 11 | -74 | 13 |

| 125 | 126 | 127 | 128 | 129 | 130 | 131 | 132 | 133 | 134 | 135 | 136 | 137 | 138 | 139 | 140 | 141 | 142 | 143 | 144 | 145 | 146 | 147 | 148 | 149 | 150 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 43 | 236 | 119 | 427 | 428 | 117 | 214 | 465 | 147 | 115 | 435 | 213 | 457 | 359 | 452 | 419 | 265 | 150 | 589 | 127 | 236 | 439 | 764 | 823 | 273 | 117 |
| 17 | 374 | 294 | -288 | 336 | 647 | 362 | 232 | 263 | 623 | 375 | 647 | 192 | 240 | 238 | 291 | 142 | 211 | 121 | 363 | 174 | -197 | -175 | -684 | 337 | 265 |
| 26 | -392 | 192 | 182 | -292 | -312 | -243 | -468 | 192 | -449 | -189 | -772 | -331 | -178 | -378 | 197 | -189 | 387 | 196 | 179 | 293 | 168 | 223 | 771 | 167 | 298 |
| 29 | 466 | -386 | 296 | 138 | 218 | 129 | 131 | -388 | 321 | 199 | 123 | 176 | 519 | 298 | -788 | 493 | -236 | -367 | -485 | -672 | 194 | -479 | -529 | 193 | -192 |
| 95 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| -39 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |