موسسه فرهنگی و هنری ضریح آفتاب توس

اولین دوره مسابقات استانی محاسبات ذهنی با چرتکه

# اندیشه برتر

## «ترم سوم»

**نام و نام خانوادگی: .....**

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
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| 3 | 3 | 4 | 2 | 7 | 6 | 1 | 3 | 8 | 9 | 8 | 7 | 9 | 2 | 6 | 7 | 6 | 2 | 7 | 6 |
| 4 | 3 | -2 | 6 | -3 | -4 | 4 | -2 | -4 | -6 | -5 | -3 | -8 | 3 | -2 | -4 | 3 | 3 | -3 | -4 |
| -6 | -4 | 3 | -4 | -2 | 1 | -2 | 2 | 2 | 4 | 4 | 4 | 4 | -4 | 2 | 2 | -8 | -1 | 2 | 3 |
| | | | | | | | | | | | | | | | | | | | |
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| 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 |
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| 8 | 7 | 3 | 4 | 6 | 14 | 25 | 13 | 23 | 16 | 12 | 56 | 36 | 27 | 66 | 32 | 11 | 15 | 75 | 64 | 24 | 16 | 21 | 19 | 76 | 38 |
| -2 | 2 | 2 | -1 | -4 | 2 | -14 | 14 | 12 | -12 | 13 | -24 | -12 | -13 | -24 | 14 | 14 | 42 | -32 | 12 | -13 | 13 | 14 | -17 | -6 | -24 |
| -4 | -7 | -1 | 2 | 2 | 13 | 14 | -6 | -4 | 2 | -3 | 13 | 32 | 42 | 4 | -2 | 32 | -4 | 16 | -6 | 42 | 30 | 33 | 4 | -40 | 42 |
| | | | | | 50 | -3 | 14 | 15 | 23 | 14 | -12 | -4 | -3 | -23 | 23 | -3 | -32 | -9 | -30 | 4 | -9 | -8 | 23 | 39 | -6 |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 |
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| 73 | 28 | 18 | 46 | 12 | 55 | 43 | 65 | 89 | 71 | 99 | 22 | 59 | 60 | 11 | 30 | 89 | 66 | 13 | 26 | 84 | 29 | 55 | 85 | 73 | 35 |
| 22 | -7 | -8 | -13 | 57 | -24 | 51 | -41 | -75 | 12 | -15 | 34 | -19 | -40 | 55 | 25 | -43 | -36 | 26 | 33 | -42 | -24 | -10 | -11 | -32 | -14 |
| -70 | 34 | 44 | 62 | -15 | 13 | -21 | 20 | 22 | -50 | 12 | 43 | 27 | 23 | -44 | -50 | 23 | 12 | -19 | -59 | 23 | 63 | 13 | -22 | 15 | 56 |
| -3 | 12 | -44 | -11 | 22 | 11 | -33 | 53 | 61 | 21 | -83 | -65 | -60 | 54 | 33 | 42 | -23 | 43 | 41 | 16 | -34 | -44 | -20 | -31 | -55 | -12 |
| | | | | -40 | -15 | 42 | -10 | -14 | -42 | 15 | 33 | 51 | -13 | 44 | 42 | 11 | -50 | -40 | -13 | 15 | 34 | 51 | 26 | 44 | -42 |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |

| 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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| 66 | 48 | 10 | 23 | 17 | 14 | 19 | 26 | 14 | 20 | 76 | 19 | 42 | 38 | 42 | 32 | 27 | 37 | 67 | 18 | 78 | 34 | 63 | 19 | 43 | 33 |
| -20 | 40 | 64 | 14 | -14 | 12 | 40 | 13 | 12 | 22 | -14 | 40 | 13 | -17 | 13 | 13 | -24 | -14 | -13 | 41 | -42 | 23 | -22 | -14 | 22 | 14 |
| -14 | -48 | -33 | 22 | 7 | 23 | -38 | 20 | 23 | 36 | 23 | -32 | -24 | 32 | 12 | 23 | 62 | 34 | 22 | -39 | -14 | 32 | 34 | 23 | 12 | 22 |
| -12 | 34 | 15 | -43 | -34 | -36 | 22 | -47 | -23 | -48 | -43 | 31 | 64 | 24 | -24 | -42 | -32 | -24 | -14 | 24 | 27 | -49 | -23 | 31 | -36 | -43 |
| 48 | 12 | -53 | -16 | 16 | 24 | 12 | 23 | 14 | 19 | 27 | -18 | -92 | -63 | 11 | -16 | 22 | 11 | -42 | 12 | 10 | 27 | 17 | -27 | 18 | -16 |
| | | | 32 | 22 | 22 | -44 | -14 | 31 | 20 | -18 | 20 | 14 | 34 | -13 | 48 | -11 | 44 | 60 | -35 | -18 | -14 | -32 | 16 | -27 | 42 |

| 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 |
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| 77 | 11 | 12 | 73 | 23 | 16 | 14 | 86 | 79 | 27 | 73 | 11 | 19 | 18 | 94 | 11 | 28 | 97 | 65 | 77 | 33 | 15 | 57 | 65 | 69 | 17 |
| -33 | 44 | 13 | -32 | 34 | 42 | 23 | -24 | -63 | 12 | 16 | 65 | 40 | 11 | -32 | 14 | -14 | -13 | 24 | -22 | 24 | 23 | 5 | -23 | -43 | 22 |
| 24 | 34 | 32 | 28 | -43 | -13 | 22 | 14 | 73 | 30 | -43 | -23 | -23 | -27 | 34 | 34 | 42 | -42 | -19 | 33 | -12 | -26 | 36 | 44 | 23 | -19 |
| -16 | -69 | -16 | -28 | 11 | 23 | -36 | -33 | -88 | -24 | 22 | -32 | -14 | 23 | -72 | -23 | 13 | 27 | -30 | -76 | -33 | 43 | -14 | 12 | 30 | 34 |
| 34 | 37 | 14 | 34 | 12 | 31 | 14 | 24 | 14 | 12 | -27 | 38 | 17 | 32 | 14 | 13 | -27 | -36 | 29 | 14 | 42 | 24 | 23 | -86 | -9 | 11 |
| -22 | -14 | 12 | 14 | 22 | -99 | 12 | 21 | 32 | 12 | 16 | -14 | -29 | -14 | -34 | -42 | 34 | 14 | -28 | 62 | 12 | -19 | 12 | 24 | -40 | -23 |
| | | -27 | -78 | -18 | 28 | 20 | -88 | 12 | -48 | -14 | 23 | 42 | 16 | 82 | 72 | 13 | 11 | 14 | -44 | -15 | -30 | -77 | 32 | 28 | 17 |

| 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 |
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| 43 | 54 | 32 | 12 | 91 | 16 | 85 | 12 | 10 | 49 | 39 | 63 | 34 | 13 | 75 | 30 | 61 | 31 | 30 | 74 | 56 | 19 | 20 | 25 | 35 | 87 |
| 12 | 41 | 12 | 12 | -40 | 33 | 12 | 42 | 14 | 40 | 10 | 21 | 14 | 13 | 14 | 37 | 13 | 33 | 14 | -31 | -42 | 40 | 33 | 44 | 23 | -13 |
| 13 | -30 | 15 | 21 | 33 | 10 | -52 | 35 | 30 | -32 | -18 | 14 | 41 | 22 | -52 | -12 | -53 | 14 | 43 | 43 | 33 | -32 | -31 | -25 | -15 | -30 |
| -36 | 23 | -54 | 12 | 11 | 40 | 13 | -15 | 24 | -50 | 47 | -22 | -25 | -11 | 41 | -50 | 35 | -31 | -42 | 12 | 40 | -26 | 13 | -22 | -20 | 55 |
| 17 | -55 | 11 | -55 | -51 | -38 | 31 | -50 | -36 | 41 | -44 | -56 | 14 | -15 | -53 | 43 | -16 | 22 | 21 | -44 | 12 | 12 | 14 | 55 | 30 | -32 |
| -14 | 26 | 43 | 23 | 44 | -41 | -44 | 24 | 12 | 41 | 23 | 30 | -78 | 32 | -24 | 11 | 40 | -48 | -44 | 23 | -66 | 43 | 10 | -44 | -23 | -47 |
| 23 | -33 | -27 | 14 | -28 | 39 | 23 | 31 | -24 | -76 | 22 | 29 | 29 | -43 | 34 | -27 | -70 | 34 | 34 | -22 | 42 | -24 | -18 | 26 | 27 | 40 |