Б)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| № |  |  |  |  |  |
| 1 | 14 — 15 | 14,5 | 8 | 0,08 | 0,08 |
| 2 | 15 — 16 | 15,5 | 10 | 0,1 | 0,1 |
| 3 | 16 — 17 | 16,5 | 9 | 0,09 | 0,09 |
| 4 | 17 — 18 | 17,5 | 15 | 0,15 | 0,15 |
| 5 | 18 — 19 | 18,5 | 16 | 0,16 | 0,16 |
| 6 | 19 — 20 | 19,5 | 12 | 0,12 | 0,12 |
| 7 | 20 — 21 | 20,5 | 12 | 0,12 | 0,12 |
| 8 | 21 — 22 | 21,5 | 11 | 0,11 | 0,11 |
| 9 | 22 — 23 | 22,5 | 7 | 0,07 | 0,07 |

Г)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |
| 1 | 14 — 15 | 14,5 | 8 | 116 | 210,25 | 1682 |
| 2 | 15 — 16 | 15,5 | 10 | 155 | 240,25 | 2402,5 |
| 3 | 16 — 17 | 16,5 | 9 | 148,5 | 272,25 | 2450,25 |
| 4 | 17 — 18 | 17,5 | 15 | 262,5 | 306,25 | 4593,75 |
| 5 | 18 — 19 | 18,5 | 16 | 296 | 342,25 | 5476 |
| 6 | 19 — 20 | 19,5 | 12 | 234 | 380,25 | 4563 |
| 7 | 20 — 21 | 20,5 | 12 | 246 | 420,25 | 5043 |
| 8 | 21 — 22 | 21,5 | 11 | 236,5 | 462,25 | 5084,75 |
| 9 | 22 — 23 | 22,5 | 7 | 157,5 | 506,25 | 3543 |
|  |  |  | 100 | 1852 |  | 34839 |

Д)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  | |  |  |  | |
|  |  |  |  |
| 1 | 14 | 15 | — | –3,52 | — | –1,52 |
| 2 | 15 | 16 | –3,52 | –2,52 | –1,52 | –1,09 |
| 3 | 16 | 17 | –2,52 | –1,52 | –1,09 | –0,66 |
| 4 | 17 | 18 | –1,52 | –0,52 | –0,66 | –0,22 |
| 5 | 18 | 19 | –0,52 | 0,48 | –0,22 | 0,21 |
| 6 | 19 | 20 | 0,48 | 1,48 | 0,21 | 0,64 |
| 7 | 20 | 21 | 1,48 | 2,48 | 0,64 | 1,07 |
| 8 | 21 | 22 | 2,48 | 3,48 | 1,07 | 1,50 |
| 9 | 22 | 23 | 3,48 | — | 1,50 | — |

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| --- | --- | --- | --- | --- | --- | --- |
|  |  | |  |  |  |  |
|  |  |
| 1 | — | –1,52 | –0,5000 | –0,4357 | 0,0643 | 6,43 |
| 2 | –1,52 | –1,09 | –0,4357 | –0,3621 | 0,0736 | 7,36 |
| 3 | –1,09 | –0,66 | –0,3621 | –0,2454 | 0,1167 | 11,67 |
| 4 | –0,66 | –0,22 | –0,2454 | –0,0871 | 0,1583 | 15,83 |
| 5 | –0,22 | 0,21 | –0,0871 | 0,0832 | 0,1703 | 17,03 |
| 6 | 0,21 | 0,64 | 0,0832 | 0,2389 | 0,1557 | 15,57 |
| 7 | 0,64 | 1,07 | 0,2389 | 0,3577 | 0,1188 | 11,88 |
| 8 | 1,07 | 1,50 | 0,3577 | 0,4332 | 0,0755 | 7,55 |
| 9 | 1,50 | — | 0,4332 | 0,5000 | 0,0668 | 6,68 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |
| 1 | 8 | 6,43 | 1,57 | 2,4649 | 0,3833 | 64 | 9,9533 |
| 2 | 10 | 7,36 | 2,64 | 6,9696 | 0,9470 | 100 | 13,5870 |
| 3 | 9 | 11,67 | –2,67 | 7,1289 | 0,6109 | 81 | 6,9409 |
| 4 | 15 | 15,83 | –0,83 | 0,6889 | 0,0435 | 225 | 14,2135 |
| 5 | 16 | 17,03 | –1,03 | 1,0609 | 0,0623 | 256 | 15,0323 |
| 6 | 12 | 15,57 | -3,57 | 12,7449 | 0,8186 | 144 | 9,2486 |
| 7 | 12 | 11,88 | 0,12 | 0,0144 | 0,0012 | 144 | 12,1212 |
| 8 | 11 | 7,55 | 3,45 | 11,9025 | 1,5765 | 121 | 16,0265 |
| 9 | 7 | 6,68 | 0,32 | 0,1024 | 0,0153 | 49 | 7,3353 |
|  | 100 | 100 |  |  | 4,4586 |  | 104,4586 |

КОНТРОЛЬ:

ИДЗ-19.2:

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Y  X | 2,2 | 3,6 | 5,0 | 6,4 | 7,8 | 9,2 | 10,6 | 12 |  |
| 200 | 5 | 3 | 4 | — | — | — | — | — | 12 |
| 360 | — | 7 | 8 | — | — | — | — | — | 15 |
| 520 | — | — | 9 | 10 | 14 | — | — | — | 33 |
| 680 | — | — | — | 8 | 7 | 6 | — | — | 21 |
| 840 | — | — | — | — | 2 | 3 | 2 | — | 7 |
| 1000 | — | — | — | — | — | — | 6 | 6 | 12 |
|  | 5 | 10 | 21 | 18 | 23 | 9 | 8 | 6 | 100 |

1

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 13 |  | 8360 | 23472 | 113464 | 109480 | 54096 | 135600 | 444472 |  | | | |
| 12 |  | 480000 | 1944000 | 8923200 | 9710400 | 4939200 | 12000000 | 37996800 |
| 11 |  | 41,8 | 65,2 | 218,2 | 161 | 64,4 | 135,6 | 686,2 |
| 10 |  | 2400 | 5400 | 17160 | 14280 | 5880 | 12000 | 57120 |
| 9 |  | 12 | 15 | 33 | 21 | 7 | 12 | 100 | 686,2 | 57120 | 5340 | 444472 |
| 8 | 12 | — | — | — | — | — | 6 | 6 | 72 | 6000 | 864 | 72000 |
| 7 | 10,6 | — | — | — | — | 2 | 6 | 8 | 84,8 | 7680 | 898,88 | 81408 |
| 6 | 9,2 | — | — | — | 6 | 3 | — | 9 | 82,8 | 6600 | 761,76 | 60720 |
| 5 | 7,8 | — | — | 14 | 7 | 2 | — | 23 | 179,4 | 13720 | 1399,32 | 107016 |
| 4 | 6,4 | — | — | 10 | 8 | — | — | 18 | 115,2 | 10640 | 737,28 | 68096 |
| 3 | 5,0 | 4 | 8 | 9 | — | — | — | 21 | 105 | 8360 | 525 | 41800 |
| 2 | 3,6 | 3 | 7 | — | — | — | — | 10 | 36 | 3120 | 129,6 | 11232 |
| 1 | 2,2 | 5 | — | — | — | — | — | 5 | 11 | 1000 | 24,2 | 2200 |
| j | Y  X | 200 | 360 | 520 | 680 | 840 | 1000 |  |  |  |  |  |
|  | i | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |