***MAKSI POSODA***

Vsi moji rezultati so teoretični (nobenega telesa nisem poskusil v praksi).

DEL KROGLE

|  |  |  |
| --- | --- | --- |
| 198,9528 | 63,66198 | 1 |
| 391,6224 | 31,83099 | 2 |
| 571,7257 | 21,22066 | 3 |
| 732,9794 | 15,91549 | 4 |
| 869,1003 | 12,7324 | 5 |
| 973,8053 | 10,61033 | 6 |
| 1040,811 | 9,094568 | 7 |
| ***1063,835*** | ***7,957747*** | ***8*** |
| 1036,593 | 7,073553 | 9 |
| 952,8024 | 6,366198 | 10 |
| 806,1801 | 5,787452 | 11 |
| 590,4426 | 5,305165 | 12 |
| 299,307 | 4,897075 | 13 |

ŠKATLA

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 19 | 0,5 | 180,5 | 4,75 | 185,25 |
| 18 | 1 | 324 | 18 | 342 |
| 17 | 1,5 | 433,5 | 38,25 | 471,75 |
| 16 | 2 | 512 | 64 | 576 |
| 15 | 2,5 | 562,5 | 93,75 | 656,25 |
| 13,6 | 3,2 | 591,872 | 139,264 | 731,136 |
| 13,5 | 3,25 | 592,3125 | 142,5938 | 734,9063 |
| 13,4 | 3,3 | 592,548 | 145,926 | 738,474 |
| 13,3 | 3,35 | 592,5815 | 149,2593 | 741,8408 |
| 13,2 | 3,4 | 592,416 | 152,592 | 745,008 |
| 13,1 | 3,45 | 592,0545 | 155,9228 | 747,9773 |
| 13 | 3,5 | 591,5 | 159,25 | 750,75 |
| 12,9 | 3,55 | 590,7555 | 162,5723 | 753,3278 |
| 12,8 | 3,6 | 589,824 | 165,888 | 755,712 |
| 12,7 | 3,65 | 588,7085 | 169,1958 | 757,9043 |
| 12,6 | 3,7 | 587,412 | 172,494 | 759,906 |
| 12,5 | 3,75 | 585,9375 | 175,7813 | 761,7188 |
| 12 | 4 | 576 | 192 | 768 |
| 11,9 | 4,05 | 573,5205 | 195,1898 | 768,7103 |
| 11,8 | 4,1 | 570,884 | 198,358 | 769,242 |
| 11,7 | 4,15 | 568,0935 | 201,5033 | 769,5968 |
| 11,6 | 4,2 | 565,152 | 204,624 | 769,776 |
| ***11,5*** | ***4,25*** | ***562,0625*** | ***207,7188*** | ***769,7813*** |
| 11,4 | 4,3 | 558,828 | 210,786 | 769,614 |

STOŽEC

|  |  |  |
| --- | --- | --- |
| 1 | 127,324 | 133,3292 |
| 2 | 63,66198 | 266,535 |
| 3 | 42,44132 | 398,9995 |
| 4 | 31,83099 | 529,1055 |
| 5 | 25,46479 | 653,6893 |
| 6 | 21,22066 | 767,3565 |
| 7 | 18,18914 | 861,4491 |
| 8 | 15,91549 | 922,1197 |
| 8,5 | 14,97929 | 933,1954 |
| ***8,6*** | ***14,80511*** | ***933,3739*** |
| 9 | 14,14711 | 925,8562 |

TRISTRANA PIRAMIDA

|  |  |  |  |
| --- | --- | --- | --- |
| 9 | 29,62963 | 2,800075 | 354,3945 |
| 10 | 26,66667 | 6,382847 | 654,3601 |
| 11 | 24,24242 | 8,486778 | 719,0512 |
| 11,4 | 23,39181 | 9,184875 | 724,5458 |
| ***11,5*** | ***23,18841*** | ***9,351015*** | ***724,8788*** |
| 12 | 22,22222 | 10,14139 | 722 |
| 15 | 17,77778 | 14,09477 | 642,2111 |
| 16 | 16,66667 | 15,25948 | 611,0858 |
| 17 | 15,68627 | 16,38582 | 581,2629 |
| 18 | 14,81481 | 17,48457 | 553,2383 |
| 19 | 14,03509 | 18,56299 | 527,1608 |
| 20 | 13,33333 | 19,62614 | 503,0106 |
| 21 | 12,69841 | 20,67759 | 480,6883 |

Na podlagi znanih formul pa sem dobil še naslednje rezultate:

ENAKOSTRANIČNI VALJ

V=785,4 cm

ENAKOSTRANIČNI STOŽEC

V=927,6 cm

PRAVILNA ŠTIRI-STRANA PIRAMIDA

V=830,3 cm

*IN ŠE REKORDER:*

***TETRAEDER***

***V=1171,73 cm***