

| den | Český Telecom | ČEZ | Komerční banka | UNIPETROBANKA | IPB | PX50 | Český Telecom |
|-----|---------------|-------|----------------|---------------|-------|-------|---------------|
| 1 | 570 | 98.4 | 669.1 | 53.9 | 103.5 | 333.4 | |
| 2 | 569 | 98.2 | 715 | 53.8 | 103 | 338.9 | -0.001755927 |
| 3 | 563.8 | 96.6 | 725 | 53.2 | 101.9 | 346.8 | -0.009180855 |
| 4 | 575.3 | 96.5 | 716 | 53.9 | 100 | 347.8 | 0.020192065 |
| 5 | 595.1 | 97 | 725 | 55.6 | 101.6 | 350.9 | 0.033837815 |
| 6 | 602.8 | 98.4 | 727.5 | 57 | 101.2 | 348.1 | 0.012856008 |
| 7 | 601.8 | 99 | 716.6 | 54.7 | 102 | 349.4 | -0.001660303 |
| 8 | 601.3 | 105.4 | 721.5 | 55.6 | 101.6 | 354.2 | -0.000831186 |
| 9 | 614.8 | 116.9 | 718.6 | 55.9 | 101.7 | 361.1 | 0.022203034 |
| 10 | 628.1 | 119.6 | 717.8 | 56.5 | 100.5 | 372.7 | 0.021402378 |
| 11 | 629 | 113.2 | 729.5 | 56.4 | 103.4 | 371.6 | 0.001431867 |
| 12 | 618.6 | 109.5 | 702.6 | 54.9 | 102.3 | 395.9 | -0.016672396 |
| 13 | 638 | 105 | 750.8 | 55 | 102.8 | 397.6 | 0.030879423 |
| 14 | 656 | 104.9 | 789.7 | 56.6 | 99.8 | 406.1 | 0.027822506 |
| 15 | 662 | 105.3 | 799.1 | 56.9 | 101.4 | 400.7 | 0.009104767 |
| 16 | 669.4 | 105.7 | 805 | 56 | 100.9 | 396.6 | 0.011116233 |
| 17 | 700.7 | 108.5 | 870 | 56.7 | 95.3 | 398.2 | 0.045698047 |
| 18 | 709 | 110.3 | 937.6 | 57 | 65.7 | 400.9 | 0.011775691 |
| 19 | 713 | 112.6 | 948.8 | 56.8 | 99.4 | 399.1 | 0.005625894 |
| 20 | 708 | 113.9 | 951.5 | 56.5 | 99.2 | 401.1 | -0.007037327 |

E(ri) 0.011410933

OLS

n
sum_Xi

UNI

19
0.184867802

Inv_M

0.069530193
-1.736774451

CEZ

19
0.184867802

Inv_M

0.069530193
-1.736774451

| ČEZ | Komerční k UNIPETROL IPB | | | PX50 |
|----------|--------------------------|----------|--------------|----------|
| -0.00203 | 0.066349 | -0.00186 | -0.004842624 | 0.016362 |
| -0.01643 | 0.013889 | -0.01122 | -0.010737048 | 0.023043 |
| -0.00104 | -0.01249 | 0.013072 | -0.018821754 | 0.002879 |
| 0.005168 | 0.012491 | 0.031053 | 0.015873349 | 0.008874 |
| 0.01433 | 0.003442 | 0.024868 | -0.003944778 | -0.00801 |
| 0.006079 | -0.0151 | -0.04119 | 0.007874056 | 0.003728 |
| 0.062643 | 0.006815 | 0.016319 | -0.003929278 | 0.013644 |
| 0.103556 | -0.00403 | 0.005381 | 0.000983768 | 0.019293 |
| 0.022834 | -0.00111 | 0.010676 | -0.011869576 | 0.031619 |
| -0.055 | 0.016168 | -0.00177 | 0.028447235 | -0.00296 |
| -0.03323 | -0.03757 | -0.02696 | -0.010695289 | 0.063344 |
| -0.04196 | 0.066352 | 0.00182 | 0.00487568 | 0.004285 |
| -0.00095 | 0.050514 | 0.028676 | -0.02961717 | 0.021153 |
| 0.003806 | 0.011833 | 0.005286 | 0.015904908 | -0.01339 |
| 0.003791 | 0.007356 | -0.01594 | -0.004943164 | -0.01028 |
| 0.026145 | 0.077651 | 0.012423 | -0.057100117 | 0.004026 |
| 0.016454 | 0.07483 | 0.005277 | -0.371930885 | 0.006758 |
| 0.020638 | 0.011875 | -0.00351 | 0.414053188 | -0.0045 |
| 0.011479 | 0.002842 | -0.0053 | -0.002014099 | 0.004999 |
| 0.007699 | 0.018532 | 0.002479 | -0.002233347 | 0.00973 |

sum_Xi
sum_Xi^2

VPS
sum_Yi
sum_YiXi

| | | |
|---------------|----------|---------------------|
| 0.184868 | 0.04711 | fce - linregrese |
| 0.007401 | -0.00058 | beta alfa |
| | | -0.18606 0.00429 |
| | | 0.245452 0.004844 |
| | | 0.032694 0.018372 |
| -1.73677 alfa | 0.00429 | 0.574584 17 |
| 178.499 beta | -0.18606 | 0.000194 0.005738 |

| | | |
|---------------|----------|----------------------|
| 0.184868 | 0.14628 | fce - linregrese |
| 0.007401 | 0.001062 | beta alfa |
| | | -0.06446 0.008326 |
| | | 0.480577 0.009485 |
| | | 0.001057 0.03597 |
| -1.73677 alfa | 0.008326 | 0.017993 17 |
| 178.499 beta | -0.06446 | 2.33E-05 0.021996 |

| cp | ri | ri-rf | beta_i | var_eps_i | (ri-rf)/beta_i | (ri-rf)*beta_i/var_eps_i | |
|-------|----|-------|--------|-----------|----------------|--------------------------|------|
| | 1 | 15 | 10 | 1 | 50 | 10 | 0.2 |
| | 2 | 17 | 12 | 1.5 | 40 | 8 | 0.45 |
| | 3 | 12 | 7 | 1 | 20 | 7 | 0.35 |
| | 4 | 17 | 12 | 2 | 10 | 6 | 2.4 |
| | 5 | 11 | 6 | 1 | 40 | 6 | 0.15 |
| | 6 | 11 | 6 | 1.5 | 30 | 4 | 0.3 |
| | 7 | 11 | 6 | 2 | 40 | 3 | 0.3 |
| | 8 | 7 | 2 | 0.8 | 16 | 2.5 | 0.1 |
| | 9 | 7 | 2 | 1 | 20 | 2 | 0.1 |
| | 10 | 5.6 | 0.6 | 0.6 | 6 | 1 | 0.06 |
| , | | | | | | | |
| var_M | | 10 | | | | | |

| beta_i^2/var_eps_i | kumulace | | Ci | když | |
|--------------------|----------|---------|----------|-------|-----------|
| 0.02 | 0.2 | 0.02 | 1.666667 | long | |
| 0.05625 | 0.65 | 0.07625 | 3.687943 | long | |
| 0.05 | 1 | 0.12625 | 4.41989 | long | |
| 0.4 | 3.4 | 0.52625 | 5.429142 | long | |
| 0.025 | 3.55 | 0.55125 | 5.451056 | long | C* |
| 0.075 | 3.85 | 0.62625 | 5.301205 | short | |
| 0.1 | 4.15 | 0.72625 | 5.022693 | short | |
| 0.04 | 4.25 | 0.76625 | 4.906205 | short | |
| 0.05 | 4.35 | 0.81625 | 4.747613 | short | |
| 0.06 | 4.41 | 0.87625 | 4.517286 | short | C* |
| | | | | | sum_Zi |
| | | | | | Rp |
| | | | | | beta_P |
| | | | | | Sys_var_P |
| | | | | | Nes_var_p |
| | | | | | Var_p |
| | | | | | Sigma_p |

| Zi | Wi | short povolen | Zi | Wi |
|----------|----------|---------------|----------|----------|
| 0.090979 | 0.23477 | | 0.109654 | 6.15451 |
| 0.095585 | 0.246657 | | 0.130602 | 7.330219 |
| 0.077447 | 0.199851 | | 0.124136 | 6.967301 |
| 0.109789 | 0.283309 | | 0.296543 | 16.64391 |
| 0.013724 | 0.035414 | | 0.037068 | 2.080489 |
| | | | -0.02586 | -1.45167 |
| | | | -0.07586 | -4.25799 |
| | | | -0.10086 | -5.66116 |
| | | | -0.12586 | -7.06432 |
| | | | -0.35173 | -19.7413 |
| 0.387524 | | 1 sum_Zi | 0.017817 | 1 |
| 15.31872 | | Rp | 343.935 | |
| 1.406637 | | beta_P | 25.35393 | |
| 19.78628 | | Sys_var_P | 6428.22 | |
| 6.841037 | | Nes_var_p | 12595.01 | |
| 26.62731 | | Var_p | 19023.23 | |
| 5.160166 | | Sigma_p | 137.9247 | |

| CP | ri | beta_i | var_esp_i | (ri-rf)/beta_i | (ri-rf)*beta_i/var_esp_i | |
|-------|----|--------|-----------|----------------|--------------------------|------|
| | 1 | 19 | 1 | 20 | 16 | 0.8 |
| | 3 | 11 | 0.5 | 10 | 16 | 0.4 |
| | 2 | 23 | 1.5 | 30 | 13.33333 | 1 |
| | 6 | 9 | 0.5 | 50 | 12 | 0.06 |
| | 4 | 25 | 2 | 40 | 11 | 1.1 |
| | 5 | 13 | 1 | 20 | 10 | 0.5 |
| | 7 | 14 | 1.5 | 30 | 7.333333 | 0.55 |
| | 8 | 10 | 1 | 50 | 7 | 0.14 |
| | 9 | 9.5 | 1 | 50 | 6.5 | 0.13 |
| | 11 | 11 | 1.5 | 30 | 5.333333 | 0.4 |
| | 10 | 13 | 2 | 20 | 5 | 1 |
| | 12 | 8 | 1 | 20 | 5 | 0.25 |
| | 14 | 7 | 1 | 20 | 4 | 0.2 |
| | 13 | 10 | 2 | 40 | 3.5 | 0.35 |
| rf | | 3 | | | | |
| var_M | | 10 | | | | |

| beta_i^2/var_esp_i | kum | | Ci | když | |
|--------------------|-----|------|-------|----------|-------|
| 0.05 | | 0.8 | 0.05 | 5.333333 | long |
| 0.025 | | 1.2 | 0.075 | 6.857143 | long |
| 0.075 | | 2.2 | 0.15 | 8.8 | long |
| 0.005 | | 2.26 | 0.155 | 8.862745 | long |
| 0.1 | | 3.36 | 0.255 | 9.464789 | long |
| 0.05 | | 3.86 | 0.305 | 9.530864 | long |
| 0.075 | | 4.41 | 0.38 | 9.1875 | short |
| 0.02 | | 4.55 | 0.4 | 9.1 | short |
| 0.02 | | 4.68 | 0.42 | 9 | short |
| 0.075 | | 5.08 | 0.495 | 8.537815 | short |
| 0.2 | | 6.08 | 0.695 | 7.647799 | short |
| 0.05 | | 6.33 | 0.745 | 7.491124 | short |
| 0.05 | | 6.53 | 0.795 | 7.296089 | short |
| 0.1 | | 6.88 | 0.895 | 6.914573 | short |

C*

sum_Zi

Rp

Beta_P
Sys_var_p
Nsys_var_p

Var_P
Sigma_P

short povolen

| Zi | Wi | | Zi | Wi |
|----------|----------|------------|----------|----------|
| 0.323457 | 0.337411 | | 0.454271 | 0.468066 |
| 0.323457 | 0.337411 | | 0.454271 | 0.468066 |
| 0.190123 | 0.198326 | | 0.320938 | 0.330684 |
| 0.024691 | 0.025757 | | 0.050854 | 0.052399 |
| 0.073457 | 0.076626 | | 0.204271 | 0.210475 |
| 0.023457 | 0.024469 | | 0.154271 | 0.158956 |
| | | | 0.020938 | 0.021574 |
| | | | 0.001709 | 0.00176 |
| | | | -0.00829 | -0.00854 |
| | | | -0.07906 | -0.08146 |
| | | | -0.19146 | -0.19727 |
| | | | -0.09573 | -0.09864 |
| | | | -0.14573 | -0.15015 |
| | | | -0.17073 | -0.17591 |
| 0.958642 | | 1 sum_Zi | 0.970528 | 1 |
| | | | | |
| 17.14939 | | Rp | 22.62617 | |
| | | | | |
| 0.994205 | | Beta_P | 0.712455 | |
| 9.884431 | | Sys_var_p | 5.075922 | |
| 4.875394 | | Nsys_var_p | 15.14624 | |
| | | | | |
| 14.75983 | | Var_P | 20.22216 | |
| 3.841852 | | Sigma_P | 4.496906 | |
| | | | | |
| 4.463834 | | | 5.031497 | |

| PM | VIG | PX | BRENT(USC | XR(CZC/USD) | PM | VIG | PX |
|-----------|----------|----------|-----------|-------------|----------|----------|----------|
| 11 500.00 | 1 019.00 | 1 034.45 | 108.64 | 19.5985 | 0.002612 | 0.003933 | -0.00428 |
| 11 470.00 | 1 015.00 | 1 038.89 | 108.91 | 19.5490 | -0.00261 | 0.018194 | 0.010333 |
| 11 500.00 | 996.70 | 1 028.21 | 110.42 | 19.3960 | 0 | -0.002 | -0.00093 |
| 11 500.00 | 998.70 | 1 029.17 | 110.27 | 19.6815 | -0.01296 | 0.029158 | 0.011886 |
| 11 650.00 | 970.00 | 1 017.01 | 110.42 | 19.5845 | 0.004387 | -0.00103 | 0.011004 |
| 11 599.00 | 971.00 | 1 005.88 | 109.9 | 19.7185 | 0.007268 | -0.01796 | -0.00715 |
| 11 515.00 | 988.60 | 1 013.10 | 110.14 | 19.7125 | -0.00735 | -0.00293 | -0.00145 |
| 11 600.00 | 991.50 | 1 014.57 | 112.2 | 19.6540 | -0.01582 | 0.007085 | 0.018543 |
| 11 785.00 | 984.50 | 995.93 | 112.24 | 19.5100 | 0.018844 | 0.010209 | 0.003208 |
| 11 565.00 | 974.50 | 992.74 | 112.96 | 19.5800 | -0.00732 | -0.02142 | -0.02094 |
| 11 650.00 | 995.60 | 1 013.75 | 114.55 | 19.5125 | 0 | 0.017938 | 0.013586 |
| 11 650.00 | 977.90 | 1 000.07 | 113.74 | 19.3590 | 0.001718 | 0.01359 | 0.007034 |
| 11 630.00 | 964.70 | 993.06 | 114.19 | 19.3155 | 0.004395 | 0.000726 | -0.01068 |
| 11 579.00 | 964.00 | 1 003.72 | 116.23 | 19.1000 | 0.002075 | 0.000519 | 0.002814 |
| 11 555.00 | 963.50 | 1 000.90 | 117.04 | 18.9420 | -0.00389 | -0.01279 | -0.00278 |
| 11 600.00 | 975.90 | 1 003.69 | 117.4 | 19.0240 | -0.00858 | 0.021649 | 0.004624 |
| 11 700.00 | 955.00 | 999.06 | 118.48 | 18.9560 | 0.009015 | -0.01404 | -0.01073 |
| 11 595.00 | 968.50 | 1 009.84 | 118.43 | 18.8520 | 0.022238 | 0.024669 | 0.007425 |
| 11 340.00 | 944.90 | 1 002.37 | 117.89 | 18.8245 | 0.012423 | 0.005199 | 0.003408 |
| 11 200.00 | 940.00 | 998.96 | 118.29 | 18.8370 | -0.03112 | -0.00043 | 0.004847 |
| 11 554.00 | 940.40 | 994.13 | 118.9 | 18.8785 | 0.009042 | -0.02375 | 0.008039 |
| 11 450.00 | 963.00 | 986.17 | 117.17 | 18.8435 | -0.00999 | -0.00941 | -0.01267 |
| 11 565.00 | 972.10 | 998.74 | 117.03 | 18.8635 | 0.005636 | -0.0275 | -0.00876 |
| 11 500.00 | 999.20 | 1 007.53 | 116.06 | 18.9900 | -0.00607 | -0.0038 | -0.00917 |
| 11 570.00 | 1 003.00 | 1 016.81 | 115.55 | 18.8310 | 0.006938 | 0.000998 | -0.00454 |
| 11 490.00 | 1 002.00 | 1 021.44 | 115.55 | 18.9010 | 0.006111 | 0.007011 | 0.003511 |
| 11 420.00 | 995.00 | 1 017.86 | 115.42 | 18.8800 | 0.014998 | 0 | -0.00207 |
| 11 250.00 | 995.00 | 1 019.97 | 115.22 | 19.0205 | 0.00267 | -0.00801 | 0.007282 |
| 11 220.00 | 1 003.00 | 1 012.57 | 113.92 | 19.1020 | 0.004019 | 0.002996 | -0.01151 |
| 11 175.00 | 1 000.00 | 1 024.29 | 113.88 | 18.9830 | 0.011249 | -0.01784 | 0.002375 |
| 11 050.00 | 1 018.00 | 1 021.86 | 114.59 | 19.1180 | 0.017344 | 0.021948 | -0.00484 |
| 10 860.00 | 995.90 | 1 026.82 | 113.68 | 19.2230 | -0.00368 | 0.011005 | 0.00152 |
| 10 900.00 | 985.00 | 1 025.26 | 112.72 | 19.2515 | 0.009217 | -0.01 | -0.01669 |
| 10 800.00 | 994.90 | 1 042.52 | 111.71 | 19.2350 | 0.006969 | 0.006049 | 0.000249 |
| 10 725.00 | 988.90 | 1 042.26 | 111.01 | 19.0975 | -0.00261 | 0.004053 | 0.002834 |
| 10 753.00 | 984.90 | 1 039.31 | 110.97 | 19.2240 | 0.00354 | -0.00203 | -0.00291 |
| 10 715.00 | 986.90 | 1 042.34 | 111.72 | 19.2410 | -0.0079 | -0.00314 | -0.00487 |
| 10 800.00 | 990.00 | 1 047.43 | 111.32 | 19.1100 | -0.0037 | -0.01404 | -0.00597 |
| 10 840.00 | 1 004.00 | 1 053.70 | 110.3 | 19.2150 | 0.003697 | 0.019106 | 0.005348 |
| 10 800.00 | 985.00 | 1 048.08 | 112.97 | 19.3080 | 0.02342 | -0.02209 | -0.01708 |
| 10 550.00 | 1 007.00 | 1 066.14 | 113.07 | 19.6095 | -0.04449 | -0.02258 | 0.004644 |
| 11 030.00 | 1 030.00 | 1 061.20 | 113.03 | 19.5175 | 0.021073 | -0.0087 | 0.006239 |
| 10 800.00 | 1 039.00 | 1 054.60 | 112.49 | 19.4825 | 0.007062 | 0.005792 | -0.00743 |
| 10 724.00 | 1 033.00 | 1 062.47 | 112.58 | 19.4085 | -0.00715 | 0.00388 | -0.00054 |
| 10 801.00 | 1 029.00 | 1 063.04 | 113.03 | 19.3600 | 0.00585 | -0.00581 | -0.00279 |
| 10 738.00 | 1 035.00 | 1 066.01 | 112.98 | 19.1155 | 0.001025 | 0.034401 | 0.025953 |
| 10 727.00 | 1 000.00 | 1 038.70 | 110.05 | 19.0010 | 0.00252 | 0.002002 | 0.002651 |

| | | | | | | | |
|-----------|----------|----------|--------|---------|----------|----------|----------|
| 10 700.00 | 998.00 | 1 035.95 | 110.04 | 18.9565 | 0 | -0.01788 | -0.00041 |
| 10 700.00 | 1 016.00 | 1 036.38 | 109.13 | 19.0670 | 0.014118 | 0.021891 | 0.002502 |
| 10 550.00 | 994.00 | 1 033.79 | 110.57 | 19.0190 | -0.00802 | 0.005953 | -0.00723 |
| 10 635.00 | 988.10 | 1 041.29 | 109.95 | 19.0310 | -0.00609 | 0.011297 | 0.009921 |
| 10 700.00 | 977.00 | 1 031.01 | 109.96 | 19.0320 | 0.006564 | 0 | 0.019243 |
| 10 630.00 | 977.00 | 1 011.36 | 109.35 | 19.1775 | -0.01262 | 0.014433 | 0.003308 |
| 10 765.00 | 963.00 | 1 008.02 | 109.28 | 19.1630 | -0.00694 | 0.00939 | 0.00581 |
| 10 840.00 | 954.00 | 1 002.18 | 110.18 | 19.3150 | 0.00555 | -0.00105 | 0.000589 |
| 10 780.00 | 955.00 | 1 001.59 | 110.17 | 19.3185 | 0.007449 | 0.001992 | 0.008996 |
| 10 700.00 | 953.10 | 992.62 | 107.6 | 19.4125 | 0.017917 | 0.005365 | 0.006854 |
| 10 510.00 | 948.00 | 985.84 | 108.25 | 19.5265 | -0.0038 | -0.01049 | -0.00776 |
| 10 550.00 | 958.00 | 993.52 | 107.16 | 19.4965 | 0 | 0.008702 | -0.00606 |
| 10 550.00 | 949.70 | 999.56 | 108.01 | 19.4405 | -0.00473 | 0.00708 | 0.001832 |
| 10 600.00 | 943.00 | 997.73 | 108.96 | 19.2930 | -0.00939 | 0.011733 | 0.003444 |
| 10 700.00 | 932.00 | 994.30 | 109.99 | 19.2755 | 0.00939 | 0.005919 | -3E-05 |
| 10 600.00 | 926.50 | 994.33 | 111.27 | 19.3205 | -0.00658 | 0.003243 | -0.00299 |
| 10 670.00 | 923.50 | 997.31 | 110.84 | 19.4450 | -0.00281 | 0.012531 | 0.005197 |
| 10 700.00 | 912.00 | 992.14 | 110.47 | 19.4210 | 0.001403 | 0.029939 | 0.016791 |
| 10 685.00 | 885.10 | 975.62 | 108.26 | 19.5050 | -0.0014 | -0.01112 | -0.01978 |
| 10 700.00 | 895.00 | 995.11 | 109.33 | 19.5830 | -0.01852 | 0.002685 | 0.01199 |
| 10 900.00 | 892.60 | 983.25 | 110.18 | 19.4940 | 0.010328 | 0.003142 | 0.006479 |
| 10 788.00 | 889.80 | 976.90 | 110.14 | 19.5295 | 0.034132 | 0.025958 | 0.014705 |
| 10 426.00 | 867.00 | 962.64 | 110.81 | 19.8535 | -0.01646 | 0.006828 | -0.00778 |
| 10 599.00 | 861.10 | 970.16 | 110.01 | 19.7815 | -9.4E-05 | -0.0022 | -0.00446 |
| 10 600.00 | 863.00 | 974.50 | 110.06 | 19.7790 | -0.00094 | 0.014003 | 0.004422 |
| 10 610.00 | 851.00 | 970.20 | 106.81 | 20.0515 | -0.00376 | -0.00831 | 0.000876 |
| 10 650.00 | 858.10 | 969.35 | 110.07 | 19.9660 | -0.00468 | -0.01089 | -0.00509 |
| 10 700.00 | 867.50 | 974.30 | 109.66 | 19.9790 | 0.006469 | 0.022617 | 0.008369 |
| 10 631.00 | 848.10 | 966.18 | 108.82 | 20.0665 | -0.00413 | -0.01079 | -0.01179 |
| 10 675.00 | 857.30 | 977.64 | 110.23 | 19.9665 | 0.006956 | -0.00035 | -0.00223 |
| 10 601.00 | 857.60 | 979.82 | 108.61 | 19.9665 | -0.02781 | -0.00917 | -0.00568 |
| 10 900.00 | 865.50 | 985.40 | 107.23 | 19.9450 | -0.02715 | -0.00058 | -0.00402 |
| 11 200.00 | 866.00 | 989.37 | 108.21 | 19.8875 | 0.027151 | 0.005674 | -0.0062 |
| 10 900.00 | 861.10 | 995.52 | 109.27 | 19.7110 | 0.009217 | 0.023025 | 0.00738 |
| 10 800.00 | 841.50 | 988.20 | 105.59 | 19.6815 | -0.00738 | 0.009672 | 0.007384 |
| 10 880.00 | 833.40 | 980.93 | 106.79 | 19.6710 | 0.035551 | 0.005897 | 0.005284 |
| 10 500.00 | 828.50 | 975.76 | 108.84 | 19.4700 | 0.004773 | 0.003991 | 0.005014 |
| 10 450.00 | 825.20 | 970.88 | 109.89 | 19.3610 | 0.007685 | -0.00459 | 0.001412 |
| 10 370.00 | 829.00 | 969.51 | 109.4 | 19.2800 | -0.01246 | 0.000603 | 0.010941 |
| 10 500.00 | 828.50 | 958.96 | 109.33 | 19.3975 | 0 | 0.012632 | -0.00541 |
| 10 500.00 | 818.10 | 964.16 | 108.9 | 19.2770 | -0.00475 | -0.00269 | -0.01298 |
| 10 550.00 | 820.30 | 976.76 | 107.64 | 19.2990 | -0.01272 | 0.002686 | 0.000543 |
| 10 685.00 | 818.10 | 976.23 | 107.66 | 19.2730 | -0.00792 | 0.003674 | 0.003993 |
| 10 770.00 | 815.10 | 972.34 | 107.53 | 19.1860 | 0.001673 | -0.01268 | -0.01801 |
| 10 752.00 | 825.50 | 990.01 | 109.62 | 19.0520 | -0.01275 | -0.00242 | 0.001739 |
| 10 890.00 | 827.50 | 988.29 | 111.89 | 19.0855 | -0.00549 | -0.00578 | -0.00546 |
| 10 950.00 | 832.30 | 993.70 | 112.58 | 18.9685 | -0.00456 | 0.00012 | -0.00176 |
| 11 000.00 | 832.20 | 995.45 | 113.49 | 18.8700 | -0.01354 | -0.003 | 0.000794 |

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| 11 150.00 | 834.70 | 994.66 | 115 | 18.9960 | -0.00447 | 0.000839 | 0.007883 |
| 11 200.00 | 834.00 | 986.85 | 115 | 19.2410 | 0.000893 | 0.004808 | 0.000923 |
| 11 190.00 | 830.00 | 985.94 | 115.17 | 19.3030 | -0.00845 | 0.000603 | 0.000254 |
| 11 285.00 | 829.50 | 985.69 | 116.18 | 19.2730 | -0.00574 | -0.00181 | 0.002133 |
| 11 350.00 | 831.00 | 983.59 | 116.11 | 19.3585 | -0.00264 | -0.01363 | -0.00241 |
| 11 380.00 | 842.40 | 985.96 | 114.32 | 19.4050 | 0.004139 | -0.00012 | 0.000446 |
| 11 333.00 | 842.50 | 985.52 | 112.6 | 19.2325 | -0.00546 | 0.00643 | -0.00021 |
| 11 395.00 | 837.10 | 985.73 | 112.17 | 19.0760 | 0.000439 | 0.00359 | 0.017593 |
| 11 390.00 | 834.10 | 968.54 | 110.48 | 19.1600 | -0.00026 | 0 | 0.004999 |
| 11 393.00 | 834.10 | 963.71 | 109.32 | 19.3990 | -0.00674 | 0.0012 | 0.003409 |
| 11 470.00 | 833.10 | 960.43 | 112.49 | 19.3735 | 0.000959 | 0.003728 | -0.00752 |
| 11 459.00 | 830.00 | 967.68 | 112.58 | 19.4670 | 0.000786 | 0.013586 | 0.014888 |
| 11 450.00 | 818.80 | 953.38 | 111.36 | 19.3730 | 0.009918 | -0.01419 | 0.009739 |
| 11 337.00 | 830.50 | 944.14 | 108.99 | 19.3940 | 0.012158 | -0.00552 | -0.02071 |
| 11 200.00 | 835.10 | 963.90 | 110.77 | 19.3415 | -0.00889 | -0.00418 | 0.003534 |
| 11 300.00 | 838.60 | 960.50 | 109.2 | 19.2970 | -0.00353 | -0.0135 | -0.0027 |
| 11 340.00 | 850.00 | 963.10 | 111.27 | 19.1280 | 0.013048 | 0.023811 | 0.007818 |
| 11 193.00 | 830.00 | 955.60 | 109.41 | 19.2250 | -0.01393 | 0.010903 | -0.01124 |
| 11 350.00 | 821.00 | 966.40 | 108.49 | 19.0775 | -0.01313 | -0.01102 | -0.00062 |
| 11 500.00 | 830.10 | 967.00 | 113.29 | 19.0210 | 0.004357 | 0.004225 | -0.00289 |
| 11 450.00 | 826.60 | 969.80 | 116.7 | 18.7150 | 0.012391 | -0.00435 | -0.00832 |
| 11 309.00 | 830.20 | 977.90 | 117.48 | 18.5550 | -0.01675 | 0.024262 | 0.025163 |
| 11 500.00 | 810.30 | 953.60 | 116 | 18.7985 | 0.00087 | -0.02076 | -0.01116 |
| 11 490.00 | 827.30 | 964.30 | 114.86 | 18.9750 | -0.00521 | 0.006062 | 0.011368 |
| 11 550.00 | 822.30 | 953.40 | 114.86 | 18.9230 | 0.004425 | -0.00811 | -0.00262 |
| 11 499.00 | 829.00 | 955.90 | 113.84 | 19.2715 | 0.0179 | -0.00301 | -0.01299 |
| 11 295.00 | 831.50 | 968.40 | 113.64 | 19.1610 | 0.006662 | 0.006515 | 0.017185 |
| 11 220.00 | 826.10 | 951.90 | 114.5 | 19.4670 | -0.00719 | -0.00109 | 0.007593 |
| 11 301.00 | 827.00 | 944.70 | 113.32 | 19.6800 | 0 | 0.004484 | -0.00063 |
| 11 301.00 | 823.30 | 945.30 | 114.98 | 19.8120 | -0.00547 | 0.005359 | -0.00706 |
| 11 363.00 | 818.90 | 952.00 | 113.93 | 19.7650 | 0.00556 | -0.0011 | 0.014176 |
| 11 300.00 | 819.80 | 938.60 | 112.28 | 19.8980 | -0.0131 | 0.00575 | 0.00032 |
| 11 449.00 | 815.10 | 938.30 | 112.53 | 19.7800 | 0.005167 | -0.00367 | -0.0051 |
| 11 390.00 | 818.10 | 943.10 | 112.62 | 19.6900 | 0.010059 | -0.00961 | -0.01128 |
| 11 276.00 | 826.00 | 953.80 | 113.74 | 19.8670 | -0.01094 | 0.007656 | 0.008423 |
| 11 400.00 | 819.70 | 945.80 | 115.76 | 19.8860 | -0.0035 | -0.02065 | -0.00968 |
| 11 440.00 | 836.80 | 955.00 | 117.45 | 19.8260 | -0.00087 | -0.00679 | -0.00178 |
| 11 450.00 | 842.50 | 956.70 | 115.77 | 19.9295 | 0.001398 | 0.023417 | 0.006502 |
| 11 434.00 | 823.00 | 950.50 | 116.03 | 19.9000 | 0.003856 | 0.009523 | 0.012279 |
| 11 390.00 | 815.20 | 938.90 | 115.5 | 20.1645 | -0.00272 | -0.00453 | -0.00975 |
| 11 421.00 | 818.90 | 948.10 | 115.2 | 20.2170 | 0.006236 | 0.006002 | 0.007517 |
| 11 350.00 | 814.00 | 941.00 | 116.12 | 20.0845 | -0.00536 | 0.007893 | 0.006504 |
| 11 411.00 | 807.60 | 934.90 | 115.51 | 20.2880 | -0.00786 | -0.00395 | 0.00461 |
| 11 501.00 | 810.80 | 930.60 | 113.9 | 20.3220 | 0.019314 | -0.01165 | 0.009501 |
| 11 281.00 | 820.30 | 921.80 | 114.48 | 20.3675 | 0.010694 | 0.000854 | -0.00498 |
| 11 161.00 | 819.60 | 926.40 | 113.13 | 20.4120 | -0.00794 | -0.02005 | 0.001945 |
| 11 250.00 | 836.20 | 924.60 | 113.52 | 20.3895 | 0 | 0.035172 | 0.010656 |
| 11 250.00 | 807.30 | 914.80 | 113.42 | 20.3230 | 0.004454 | -0.00272 | -0.00338 |

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| 11 200.00 | 809.50 | 917.90 | 112.39 | 20.2610 | -0.00889 | 0.016818 | 0.004586 |
| 11 300.00 | 796.00 | 913.70 | 110.01 | 20.2980 | -0.00442 | 0.020562 | 0.015997 |
| 11 350.00 | 779.80 | 899.20 | 109.57 | 20.3765 | 0.015986 | 0.02047 | 0.011071 |
| 11 170.00 | 764.00 | 889.30 | 107.55 | 20.7855 | -0.00936 | -0.03738 | -0.00561 |
| 11 275.00 | 793.10 | 894.30 | 106.78 | 20.7150 | -0.00725 | -0.00378 | 0.00336 |
| 11 357.00 | 796.10 | 891.30 | 105.93 | 20.5770 | 0.02055 | 0.007439 | -0.01647 |
| 11 126.00 | 790.20 | 906.10 | 106.54 | 20.5635 | 0.001529 | 0.006602 | 0.011544 |
| 11 109.00 | 785.00 | 895.70 | 106.3 | 20.5355 | 0.008044 | 0.017995 | 0.008409 |
| 11 020.00 | 771.00 | 888.20 | 104.77 | 20.6260 | 0.001726 | 0.009513 | 0.00973 |
| 11 001.00 | 763.70 | 879.60 | 102.35 | 20.9615 | -0.00887 | -0.00496 | 0.001024 |
| 11 099.00 | 767.50 | 878.70 | 103.57 | 21.1755 | 0.000631 | 0.001434 | 0.003648 |
| 11 092.00 | 766.40 | 875.50 | 103.91 | 21.1065 | -0.00969 | -0.04416 | -0.02537 |
| 11 200.00 | 801.00 | 898.00 | 106.98 | 21.0445 | 0 | 0.012563 | -0.01305 |
| 11 200.00 | 791.00 | 909.80 | 107.79 | 20.6650 | -0.02643 | 0.011699 | 0.009054 |
| 11 500.00 | 781.80 | 901.60 | 105.92 | 20.5745 | -0.00659 | -0.00523 | -0.00685 |
| 11 576.00 | 785.90 | 907.80 | 104.21 | 20.5335 | -0.00886 | 0.005359 | 0.007075 |
| 11 679.00 | 781.70 | 901.40 | 102.1 | 20.6550 | -0.00819 | -0.00447 | -0.0031 |
| 11 775.00 | 785.20 | 904.20 | 101.91 | 20.7600 | 0.00639 | 0.004084 | 0.008106 |
| 11 700.00 | 782.00 | 896.90 | 99.18 | 20.8200 | 0.006861 | -0.0051 | -0.01109 |
| 11 620.00 | 786.00 | 906.90 | 99.23 | 20.6510 | -0.01113 | -0.00406 | 0.002982 |
| 11 750.00 | 789.20 | 904.20 | 99.15 | 20.7265 | 0.036399 | -0.02577 | -0.00463 |
| 11 330.00 | 809.80 | 908.40 | 99.94 | 20.6585 | 0.021591 | -0.00885 | -0.00472 |
| 11 088.00 | 817.00 | 912.70 | 99.89 | 20.2255 | -0.01894 | 0.002451 | 0.001316 |
| 11 300.00 | 815.00 | 911.50 | 95.28 | 20.2990 | 0.013094 | 0.012346 | 0.011697 |
| 11 153.00 | 805.00 | 900.90 | 94.17 | 20.1525 | -0.00643 | 0.043154 | 0.022791 |
| 11 225.00 | 771.00 | 880.60 | 91.02 | 20.7150 | 0.025261 | 0.006506 | -0.00645 |
| 10 945.00 | 766.00 | 886.30 | 92.06 | 20.7310 | -0.01856 | -0.00039 | 0.002485 |
| 11 150.00 | 766.30 | 884.10 | 90.19 | 20.7430 | 0.002874 | 0.003661 | 0.006468 |
| 11 118.00 | 763.50 | 878.40 | 88.69 | 20.7005 | 0.004327 | -0.03222 | -0.02385 |
| 11 070.00 | 788.50 | 899.60 | 89.22 | 20.5060 | -0.0072 | -0.00443 | -0.00278 |
| 11 150.00 | 792.00 | 902.10 | 89.22 | 20.5820 | 0 | 0.021569 | 0.006004 |
| 11 150.00 | 775.10 | 896.70 | 93.5 | 20.1280 | -0.00893 | 0.015734 | -0.00378 |
| 11 250.00 | 763.00 | 900.10 | 95.14 | 20.0370 | -0.00435 | 0.021193 | 0.017144 |
| 11 299.00 | 747.00 | 884.80 | 95.21 | 20.3380 | 0 | 0.00134 | -0.00079 |
| 11 299.00 | 746.00 | 885.50 | 97.13 | 20.1205 | 0.004346 | 0.024425 | 0.010901 |
| 11 250.00 | 728.00 | 875.90 | 96.46 | 20.1795 | 0.013423 | 0.002613 | 0.002744 |
| 11 100.00 | 726.10 | 873.50 | 97.29 | 20.2950 | -0.0036 | -0.00467 | 0.003555 |
| 11 140.00 | 729.50 | 870.40 | 96.59 | 20.5550 | -0.00528 | 0.00674 | -0.0104 |
| 11 199.00 | 724.60 | 879.50 | 98.6 | 20.5415 | -0.01339 | -0.01234 | -0.00736 |
| 11 350.00 | 733.60 | 886.00 | 97.57 | 20.2980 | 0.004504 | -0.00544 | -0.00776 |
| 11 299.00 | 737.60 | 892.90 | 100.05 | 20.1805 | -0.01763 | 0.005574 | 0.01319 |
| 11 500.00 | 733.50 | 881.20 | 101.14 | 20.2215 | 0.039917 | 0.004783 | 0.007518 |
| 11 050.00 | 730.00 | 874.60 | 98.65 | 20.5645 | -0.00542 | 0.017969 | 0.01231 |
| 11 110.00 | 717.00 | 863.90 | 97.74 | 20.5780 | 0.019083 | 0.009811 | 0.005455 |
| 10 900.00 | 710.00 | 859.20 | 98.63 | 20.7380 | -0.04045 | -0.0144 | -0.00742 |
| 11 350.00 | 720.30 | 865.60 | 103.86 | 20.8160 | 0.015986 | -0.02698 | -0.01274 |
| 11 170.00 | 740.00 | 876.70 | 103.85 | 20.8030 | -0.01599 | 0.002706 | -0.0016 |
| 11 350.00 | 738.00 | 878.10 | 107.55 | 20.3775 | -0.02523 | 0.02178 | 0.009727 |

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| 11 640.00 | 722.10 | 869.60 | 107.86 | 20.2470 | 0.019957 | -0.04057 | -0.01098 |
| 11 410.00 | 752.00 | 879.20 | 107.2 | 20.2850 | -0.0035 | 0.015951 | 0.001252 |
| 11 450.00 | 740.10 | 878.10 | 106.88 | 20.2610 | -0.01302 | 0.015112 | -0.00477 |
| 11 600.00 | 729.00 | 882.30 | 109.76 | 19.9345 | 0.00692 | 0.030643 | 0.010368 |
| 11 520.00 | 707.00 | 873.20 | 109.02 | 19.5935 | -0.0026 | 0.002124 | 0.005052 |
| 11 550.00 | 705.50 | 868.80 | 108.03 | 19.7650 | -0.00544 | 0.002697 | 0.001267 |
| 11 613.00 | 703.60 | 867.70 | 109.31 | 20.0820 | 0.01239 | -0.00482 | -0.00906 |
| 11 470.00 | 707.00 | 875.60 | 109.8 | 20.0345 | 0.014932 | -0.00282 | -0.00046 |
| 11 300.00 | 709.00 | 876.00 | 111.4 | 20.1330 | -0.02612 | -0.04819 | -0.01944 |
| 11 599.00 | 744.00 | 893.20 | 110.79 | 19.7780 | 0.015553 | -0.03435 | -0.0183 |
| 11 420.00 | 770.00 | 909.70 | 112.5 | 19.5670 | -0.00262 | -0.00389 | -0.00242 |
| 11 450.00 | 773.00 | 911.90 | 112.24 | 19.5115 | -0.00444 | 0.024621 | 0.020832 |
| 11 501.00 | 754.20 | 893.10 | 111.89 | 19.5650 | -0.0084 | -0.02008 | -0.0287 |
| 11 598.00 | 769.50 | 919.10 | 111.66 | 19.2550 | 0.003282 | -0.00454 | -0.00629 |
| 11 560.00 | 773.00 | 924.90 | 115.91 | 19.0510 | 0.03253 | -0.00619 | -0.00904 |
| 11 190.00 | 777.80 | 933.30 | 117.57 | 18.9650 | 0.017125 | 0.006449 | -0.00577 |
| 11 000.00 | 772.80 | 938.70 | 118.66 | 18.8475 | 0.005013 | 0.008186 | 0.003949 |
| 10 945.00 | 766.50 | 935.00 | 119.3 | 18.7395 | 0.003111 | 0.024432 | 0.005147 |
| 10 911.00 | 748.00 | 930.20 | 119.33 | 18.8060 | -0.00082 | -0.006 | -0.00536 |
| 10 920.00 | 752.50 | 935.20 | 117.45 | 18.7155 | -0.00201 | 0.020813 | 0.014107 |
| 10 942.00 | 737.00 | 922.10 | 117.74 | 18.8905 | -0.00801 | 0.004624 | 0.011891 |
| 11 030.00 | 733.60 | 911.20 | 116.66 | 19.0250 | 0.007188 | -0.03535 | -0.01708 |
| 10 951.00 | 760.00 | 926.90 | 118.08 | 18.8680 | -0.00437 | 0.014446 | 0.009866 |
| 10 999.00 | 749.10 | 917.80 | 117 | 18.9000 | -9.1E-05 | -0.01181 | -0.00543 |
| 11 000.00 | 758.00 | 922.80 | 115.18 | 18.8810 | 0.009132 | -0.00906 | 0.00217 |
| 10 900.00 | 764.90 | 920.80 | 117.41 | 18.8575 | -0.06008 | 0.014353 | 0.00163 |
| 11 575.00 | 754.00 | 919.30 | 118.23 | 18.8550 | -0.00989 | -0.01448 | -0.01232 |
| 11 690.00 | 765.00 | 930.70 | 120.62 | 18.8490 | 0.00257 | -0.00807 | -0.00994 |
| 11 660.00 | 771.20 | 940.00 | 120.57 | 18.8015 | -0.00342 | -0.02155 | 0.000106 |
| 11 700.00 | 788.00 | 939.90 | 120.41 | 18.9585 | 0.003854 | 0.036048 | 0.015223 |
| 11 655.00 | 760.10 | 925.70 | 121.89 | 18.9595 | -0.00385 | -0.03223 | -0.0101 |
| 11 700.00 | 785.00 | 935.10 | 123.58 | 18.8495 | -0.00426 | -0.00381 | -0.01127 |
| 11 750.00 | 788.00 | 945.70 | 123.04 | 18.7545 | 0.007689 | -0.00872 | -0.02041 |
| 11 660.00 | 794.90 | 965.20 | 125.66 | 18.6125 | -0.00342 | -0.00239 | -0.00259 |
| 11 700.00 | 796.80 | 967.70 | 124.44 | 18.5745 | 0.008153 | -0.02577 | -0.00556 |
| 11 605.00 | 817.60 | 973.10 | 123.41 | 18.5875 | 0.000431 | 0.003185 | 0.003913 |
| 11 600.00 | 815.00 | 969.30 | 123.23 | 18.5980 | 0.000862 | -0.0339 | -0.0182 |
| 11 590.00 | 843.10 | 987.10 | 124.41 | 18.5190 | -0.00043 | 0.008457 | -0.00334 |
| 11 595.00 | 836.00 | 990.40 | 125.25 | 18.4260 | 0 | 0.018106 | 0.002932 |
| 11 595.00 | 821.00 | 987.50 | 125.85 | 18.4305 | 0.003889 | -0.00849 | -0.00051 |
| 11 550.00 | 828.00 | 988.00 | 125.21 | 18.5530 | -0.00389 | -0.00181 | -0.00222 |
| 11 595.00 | 829.50 | 990.20 | 122.49 | 18.7475 | 0 | -0.01329 | -0.00161 |
| 11 595.00 | 840.60 | 991.80 | 123.89 | 18.6570 | 0.00164 | 0.00477 | -0.00081 |
| 11 576.00 | 836.60 | 992.60 | 124.38 | 18.4945 | -0.00207 | -0.01589 | -0.00633 |
| 11 600.00 | 850.00 | 998.90 | 125.76 | 18.4880 | 0 | -0.00575 | 0.004716 |
| 11 600.00 | 854.90 | 994.20 | 125.09 | 18.5980 | 0 | 0.024152 | 0.001107 |
| 11 600.00 | 834.50 | 993.10 | 123.63 | 18.7490 | 0.005966 | 0.000599 | -0.00652 |
| 11 531.00 | 834.00 | 999.60 | 126.98 | 18.9145 | -0.00165 | 0.05041 | 0.006725 |

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| 11 550.00 | 793.00 | 992.90 | 128.14 | 18.7825 | -0.01205 | 0.013968 | 0.007075 |
| 11 690.00 | 782.00 | 985.90 | 127.27 | 18.6765 | 0.007729 | -0.0265 | -0.0121 |
| 11 600.00 | 803.00 | 997.90 | 128.08 | 18.7665 | 0.01127 | 0.003743 | 0.001404 |
| 11 470.00 | 800.00 | 996.50 | 127.96 | 18.6665 | -0.00695 | -0.00012 | 0.006039 |
| 11 550.00 | 800.10 | 990.50 | 125.37 | 18.8800 | -0.00518 | 0.000125 | 0.00101 |
| 11 610.00 | 800.00 | 989.50 | 125.03 | 18.9895 | 0.018955 | -0.02469 | -0.01355 |
| 11 392.00 | 820.00 | 1 003.00 | 126.68 | 18.7505 | -0.00237 | -0.0204 | -0.01475 |
| 11 419.00 | 836.90 | 1 017.90 | 125.93 | 18.7360 | -0.00271 | 0.003471 | -0.00039 |
| 11 450.00 | 834.00 | 1 018.30 | 125.76 | 18.6025 | -0.0087 | 0.006013 | 0.006502 |
| 11 550.00 | 829.00 | 1 011.70 | 122.23 | 18.6920 | 0.012809 | -0.00517 | 0.018455 |
| 11 403.00 | 833.30 | 993.20 | 124.02 | 18.5030 | -0.01558 | 0.00036 | -0.01052 |
| 11 582.00 | 833.00 | 1 003.70 | 126.46 | 18.6090 | -0.00671 | 0.014511 | 0.002394 |
| 11 660.00 | 821.00 | 1 001.30 | 124.89 | 18.5800 | 0.005159 | -0.01451 | 0.006714 |
| 11 600.00 | 833.00 | 994.60 | 124.53 | 18.7255 | -0.00858 | -0.00551 | -0.01942 |
| 11 700.00 | 837.60 | 1 014.10 | 123.07 | 18.9935 | 0 | -0.01352 | -0.00187 |
| 11 700.00 | 849.00 | 1 016.00 | 120.85 | 18.7925 | 0.007894 | -0.03347 | 0.000591 |
| 11 608.00 | 877.90 | 1 015.40 | 120.69 | 19.0110 | -0.00576 | 0.013648 | 0.019391 |
| 11 675.00 | 866.00 | 995.90 | 121 | 19.0310 | 0.013365 | 0.006371 | -0.01059 |
| 11 520.00 | 860.50 | 1 006.50 | 120.25 | 19.2930 | -0.01208 | -0.02807 | 0.00179 |
| 11 660.00 | 885.00 | 1 004.70 | 118.3 | 19.1265 | -0.00334 | 0.022858 | -0.00566 |
| 11 699.00 | 865.00 | 1 010.40 | 118.73 | 19.0145 | 0.007981 | 0.034101 | 0.019589 |
| 11 606.00 | 836.00 | 990.80 | 118.13 | 19.1415 | 0.000603 | -0.04674 | -0.03472 |
| 11 599.00 | 876.00 | 1 025.80 | 118.4 | 18.8740 | -0.00781 | -0.00966 | 0.001561 |
| 11 690.00 | 884.50 | 1 024.20 | 117.18 | 18.7105 | -0.00086 | 0.027393 | 0.021614 |
| 11 700.00 | 860.60 | 1 002.30 | 116.86 | 18.6925 | 0.002053 | -0.00568 | -0.00894 |
| 11 676.00 | 865.50 | 1 011.30 | 115.47 | 19.0055 | -0.00205 | 0.007538 | 0.001484 |
| 11 700.00 | 859.00 | 1 009.80 | 112.56 | 18.9745 | 8.55E-05 | 0.022248 | 0.011354 |
| 11 699.00 | 840.10 | 998.40 | 110.96 | 19.0790 | 0 | 0.008487 | 0.01524 |
| 11 699.00 | 833.00 | 983.30 | 111.96 | 19.1375 | -8.5E-05 | 0.003608 | 0.012279 |
| 11 700.00 | 830.00 | 971.30 | 110.26 | 19.3615 | 0 | 0.004226 | 0.024492 |
| 11 700.00 | 826.50 | 947.80 | 110.24 | 19.2335 | 0 | -0.0162 | -0.02088 |
| 11 700.00 | 840.00 | 967.80 | 110.5 | 18.9925 | -0.00137 | -0.03509 | -0.01059 |
| 11 716.00 | 870.00 | 978.10 | 109.08 | 19.2100 | 0.001367 | 0.033902 | 0.033581 |
| 11 700.00 | 841.00 | 945.80 | 108.48 | 19.2735 | -0.00213 | 0.000238 | -0.00169 |
| 11 725.00 | 840.80 | 947.40 | 108.38 | 19.4465 | -0.00213 | 0.002143 | -0.01008 |
| 11 750.00 | 839.00 | 957.00 | 109.46 | 19.4410 | -0.00272 | 0.010062 | 0.022936 |
| 11 782.00 | 830.60 | 935.30 | 108.5 | 19.6600 | -0.00068 | 0.024497 | 0.01867 |
| 11 790.00 | 810.50 | 918.00 | 109.54 | 19.5010 | -0.01765 | 0.019309 | 0.01714 |
| 12 000.00 | 795.00 | 902.40 | 109.81 | 19.8335 | -0.00416 | 0.031952 | 0.014511 |
| 12 050.00 | 770.00 | 889.40 | 110.55 | 20.1070 | 0.004158 | -0.04196 | -0.00135 |
| 12 000.00 | 803.00 | 890.60 | 109.88 | 20.2190 | 0.006186 | 0.009258 | -0.00783 |
| 11 926.00 | 795.60 | 897.60 | 112.97 | 19.9215 | -0.00285 | 0.007064 | 0.007829 |
| 11 960.00 | 790.00 | 890.60 | 111.66 | 20.3450 | -0.00833 | 0.016464 | -0.00816 |
| 12 060.00 | 777.10 | 897.90 | 113.3 | 20.1915 | 0.009163 | -0.00129 | 0.014019 |
| 11 950.00 | 778.10 | 885.40 | 111.07 | 20.1620 | -0.01041 | -0.02086 | -0.01011 |
| 12 075.00 | 794.50 | 894.40 | 111.96 | 20.3260 | -0.00207 | 0.00568 | -0.00824 |
| 12 100.00 | 790.00 | 901.80 | 113.59 | 20.2220 | 0 | -0.02005 | -0.02799 |
| 12 100.00 | 806.00 | 927.40 | 113.37 | 19.9800 | -0.00157 | -0.0111 | -0.00741 |

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|-----------|--------|--------|--------|---------|----------|----------|----------|
| 12 119.00 | 815.00 | 934.30 | 111.12 | 19.7075 | -0.02743 | 0.018701 | 0.025145 |
| 12 456.00 | 799.90 | 911.10 | 108.09 | 19.7570 | -0.00991 | 0.027632 | 0.005724 |
| 12 580.00 | 778.10 | 905.90 | 106.89 | 19.8730 | 0.00191 | -0.02626 | 0.000883 |
| 12 556.00 | 798.80 | 905.10 | 107.54 | 19.9275 | 0.024673 | -0.0015 | 0.007207 |
| 12 250.00 | 800.00 | 898.60 | 109.28 | 19.7745 | 0.030165 | 0.020203 | 0.00782 |
| 11 886.00 | 784.00 | 891.60 | 108.98 | 19.6890 | -0.00871 | 0.052368 | 0.013323 |
| 11 990.00 | 744.00 | 879.80 | 108 | 19.6345 | 0.024484 | 0.018997 | 0.013618 |
| 11 700.00 | 730.00 | 867.90 | 107.8 | 19.5205 | 0.024223 | 0 | 0.017551 |
| 11 420.00 | 730.00 | 852.80 | 104.55 | 19.5470 | 0.000788 | 0 | -0.00456 |
| 11 411.00 | 730.00 | 856.70 | 104 | 19.4420 | -0.00428 | 0.053748 | -0.00047 |
| 11 460.00 | 691.80 | 857.10 | 104.52 | 19.5515 | -0.04604 | 0.001157 | 0.003858 |
| 12 000.00 | 691.00 | 853.80 | 105.72 | 19.7810 | -0.00747 | -0.03134 | -0.00979 |
| 12 090.00 | 713.00 | 862.20 | 109.25 | 19.6990 | 0.003314 | 0.015548 | 0.002439 |
| 12 050.00 | 702.00 | 860.10 | 107.82 | 19.4900 | 0 | -0.02671 | -0.01523 |
| 12 050.00 | 721.00 | 873.30 | 107.91 | 19.0020 | -0.01327 | 0.01763 | -0.00343 |
| 12 211.00 | 708.40 | 876.30 | 108.23 | 19.1135 | -0.00327 | -0.02825 | -0.00421 |
| 12 251.00 | 728.70 | 880.00 | 110.07 | 18.8130 | 8.16E-05 | -0.00861 | -0.01119 |
| 12 250.00 | 735.00 | 889.90 | 110.16 | 18.8365 | 0.012238 | 0.005457 | -0.01251 |
| 12 101.00 | 731.00 | 901.10 | 110.18 | 18.7720 | 0.004223 | 0.013774 | 0.014419 |
| 12 050.00 | 721.00 | 888.20 | 109.59 | 18.7620 | -0.02216 | 0.038167 | 0.01646 |
| 12 320.00 | 694.00 | 873.70 | 108.83 | 18.7275 | -0.0145 | -0.00861 | -0.00593 |
| 12 500.00 | 700.00 | 878.90 | 111.22 | 18.8150 | 0.017757 | 0.045296 | 0.04123 |
| 12 280.00 | 669.00 | 843.40 | 111.25 | 19.1840 | -0.00568 | 0.013544 | -0.01868 |
| 12 350.00 | 660.00 | 859.30 | 109.38 | 19.3300 | -0.00806 | 0.042402 | 0.019151 |
| 12 450.00 | 632.60 | 843.00 | 106.08 | 19.6920 | 0.005638 | -0.02559 | -0.00261 |
| 12 380.00 | 649.00 | 845.20 | 106.83 | 19.2735 | 0.006483 | -0.00767 | -0.0013 |
| 12 300.00 | 654.00 | 846.30 | 107.77 | 18.8560 | 0.018048 | -0.03397 | -0.0107 |
| 12 080.00 | 676.60 | 855.40 | 105.98 | 18.9395 | 0.000331 | -0.0251 | -0.01773 |
| 12 076.00 | 693.80 | 870.70 | 107.82 | 18.8410 | 0.048786 | 0.001154 | -0.01787 |
| 11 501.00 | 693.00 | 886.40 | 111.91 | 19.0720 | 8.7E-05 | -0.01575 | -0.0063 |
| 11 500.00 | 704.00 | 892.00 | 111.9 | 19.0170 | 0.005668 | -0.03558 | -0.01701 |
| 11 435.00 | 729.50 | 907.30 | 112.57 | 18.9360 | -0.00741 | -0.00219 | -0.00297 |
| 11 520.00 | 731.10 | 910.00 | 114.43 | 18.6505 | 0.007756 | 0.018081 | 0.008608 |
| 11 431.00 | 718.00 | 902.20 | 113.32 | 18.9060 | 0.002716 | -0.01589 | -0.00221 |
| 11 400.00 | 729.50 | 904.20 | 115.29 | 18.8125 | -0.00438 | -0.02838 | -0.0054 |
| 11 450.00 | 750.50 | 909.10 | 115.61 | 18.2180 | -0.00436 | -0.0004 | 0.008284 |
| 11 500.00 | 750.80 | 901.60 | 114.75 | 18.2350 | 0.008734 | -0.01218 | -0.0177 |
| 11 400.00 | 760.00 | 917.70 | 112.22 | 18.1025 | 0 | 0.026533 | -0.00576 |
| 11 400.00 | 740.10 | 923.00 | 110.76 | 18.0675 | -0.01911 | 0.002841 | 0.019252 |
| 11 620.00 | 738.00 | 905.40 | 110.82 | 18.3180 | 0.001723 | 0.017083 | 0.008987 |
| 11 600.00 | 725.50 | 897.30 | 106.97 | 18.4360 | 0 | -0.04843 | -0.03612 |
| 11 600.00 | 761.50 | 930.30 | 108.43 | 17.9480 | -0.01709 | -0.04469 | -0.03931 |
| 11 800.00 | 796.30 | 967.60 | 112.45 | 17.3855 | 0.006803 | 0.076846 | 0.015624 |
| 11 720.00 | 737.40 | 952.60 | 110.43 | 17.9960 | -0.04765 | 0.00394 | 0.00801 |
| 12 292.00 | 734.50 | 945.00 | 112.11 | 17.9260 | 0.003423 | 0.010264 | 0.004986 |
| 12 250.00 | 727.00 | 940.30 | 111.67 | 17.8530 | 0.041673 | 0.013851 | 0.009618 |
| 11 750.00 | 717.00 | 931.30 | 111.6 | 17.9745 | 0.03024 | 0.009107 | 0.016674 |
| 11 400.00 | 710.50 | 915.90 | 109 | 18.1800 | 0.040274 | -0.00379 | -0.01151 |

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| 10 950.00 | 713.20 | 926.50 | 111.76 | 18.0915 | -0.03984 | 0.016398 | 0.001512 |
| 11 395.00 | 701.60 | 925.10 | 112.08 | 18.1605 | -0.00569 | -0.0095 | 0.007704 |
| 11 460.00 | 708.30 | 918.00 | 112.92 | 18.0775 | -0.00566 | -0.00169 | -0.01931 |
| 11 525.00 | 709.50 | 935.90 | 114.33 | 17.8025 | -0.01336 | 0.01491 | -0.00639 |
| 11 680.00 | 699.00 | 941.90 | 112.45 | 17.9680 | 0.009635 | -0.01561 | -0.00624 |
| 11 568.00 | 710.00 | 947.80 | 112.44 | 17.8760 | -0.01135 | 0.037161 | 0.025107 |
| 11 700.00 | 684.10 | 924.30 | 109.22 | 18.1840 | 0.017242 | -0.00714 | -0.00926 |
| 11 500.00 | 689.00 | 932.90 | 109.49 | 18.0820 | 0.02563 | -0.01741 | -0.01827 |
| 11 209.00 | 701.10 | 950.10 | 106.56 | 18.6085 | 0.008871 | 0.002285 | 0.013671 |
| 11 110.00 | 699.50 | 937.20 | 104.38 | 18.4130 | -0.01696 | 0.046078 | 0.041169 |
| 11 300.00 | 668.00 | 899.40 | 103.77 | 18.5340 | 0.031372 | 0.041259 | 0.009159 |
| 10 951.00 | 641.00 | 891.20 | 101.84 | 18.6460 | -0.00446 | -0.04425 | -0.02919 |
| 11 000.00 | 670.00 | 917.60 | 103.61 | 18.8650 | 0 | -0.02724 | -0.01761 |
| 11 000.00 | 688.50 | 933.90 | 105.42 | 18.4385 | -0.01354 | -0.0117 | -0.00789 |
| 11 150.00 | 696.60 | 941.30 | 107.08 | 18.0740 | -0.01327 | 0.023237 | 0.007357 |
| 11 299.00 | 680.60 | 934.40 | 109.54 | 17.9955 | 0.051764 | 0.039867 | 0.035623 |
| 10 729.00 | 654.00 | 901.70 | 107.9 | 18.1860 | 0.006452 | 0.037388 | 0.042593 |
| 10 660.00 | 630.00 | 864.10 | 109.17 | 18.2720 | 0.010373 | -0.05045 | -0.03614 |
| 10 550.00 | 662.60 | 895.90 | 109.21 | 18.4570 | -0.00473 | -0.05491 | -0.03628 |
| 10 600.00 | 700.00 | 929.00 | 114.26 | 18.3520 | -0.02303 | -0.00214 | 0.023746 |
| 10 847.00 | 701.50 | 907.20 | 114.39 | 18.0955 | 0.025869 | 0.030393 | -0.00022 |
| 10 570.00 | 680.50 | 907.40 | 112.89 | 18.0080 | -0.01409 | -0.07636 | -0.0464 |
| 10 720.00 | 734.50 | 950.50 | 116.26 | 17.6635 | -0.00993 | 0.088485 | -0.01773 |
| 10 827.00 | 672.30 | 967.50 | 116.71 | 17.6650 | 0.005371 | 0.021196 | 0.023213 |
| 10 769.00 | 658.20 | 945.30 | 113.1 | 17.8455 | -0.00287 | -0.00576 | -0.00137 |
| 10 800.00 | 662.00 | 946.60 | 114.08 | 17.9495 | 0.02342 | -0.02536 | -0.00053 |
| 10 550.00 | 679.00 | 947.10 | 114.75 | 17.9870 | -0.00943 | -0.05877 | -0.03802 |
| 10 650.00 | 720.10 | 983.80 | 115.1 | 17.9690 | -0.02045 | -0.02942 | -0.02361 |
| 10 870.00 | 741.60 | 1 007.30 | 117.99 | 17.5180 | 0.001197 | 0.009484 | 0.012588 |
| 10 857.00 | 734.60 | 994.70 | 117.5 | 17.3310 | 0.005171 | 0.000817 | 0.021338 |
| 10 801.00 | 734.00 | 973.70 | 113.29 | 17.4840 | 0.008741 | -0.0415 | -0.05017 |
| 10 707.00 | 765.10 | 1 023.80 | 115.92 | 17.1850 | 0.010044 | -0.02313 | -0.0156 |
| 10 600.00 | 783.00 | 1 039.90 | 116.43 | 16.9300 | -0.00883 | 0.010528 | -0.00814 |
| 10 694.00 | 774.80 | 1 048.40 | 116.48 | 16.7700 | 0.010434 | 0.025755 | 0.017512 |
| 10 583.00 | 755.10 | 1 030.20 | 115.59 | 16.6610 | -0.02906 | 0.013332 | 0.01516 |
| 10 895.00 | 745.10 | 1 014.70 | 112.29 | 16.5995 | 0.035026 | -0.01716 | -0.0101 |
| 10 520.00 | 758.00 | 1 025.00 | 111.91 | 16.8750 | 0.001903 | 0.00715 | 0.010001 |
| 10 500.00 | 752.60 | 1 014.80 | 111.91 | 16.8720 | 0.005635 | 0.013376 | 0.015992 |
| 10 441.00 | 742.60 | 998.70 | 110.35 | 16.8815 | -0.01039 | 0.002022 | -0.0009 |
| 10 550.00 | 741.10 | 999.60 | 108.83 | 17.0530 | 0.010673 | 0.019209 | 0.011268 |
| 10 438.00 | 727.00 | 988.40 | 109.37 | 17.0135 | -0.00592 | -0.01502 | -0.01745 |
| 10 500.00 | 738.00 | 1 005.80 | 108.36 | 17.0600 | -0.00938 | -0.06555 | -0.01617 |
| 10 599.00 | 788.00 | 1 022.20 | 111.37 | 16.9275 | 0.009384 | 0.0138 | 0.016572 |
| 10 500.00 | 777.20 | 1 005.40 | 109.69 | 16.9240 | 0.014872 | -0.02076 | -0.01127 |
| 10 345.00 | 793.50 | 1 016.80 | 108.89 | 16.8465 | 0.009226 | 0.025011 | 0.028025 |
| 10 250.00 | 773.90 | 988.70 | 108.17 | 16.9820 | 0 | 0.01484 | 0.001316 |
| 10 250.00 | 762.50 | 987.40 | 107.82 | 17.0420 | -9.8E-05 | 0.022011 | 0.008135 |
| 10 251.00 | 745.90 | 979.40 | 103.84 | 17.0905 | 0.000195 | -0.01226 | -0.02171 |

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| 10 249.00 | 755.10 | 1 000.90 | 103.63 | 16.7190 | 0.039709 | -0.03883 | -0.02613 |
| 9 850.00 | 785.00 | 1 027.40 | 103.06 | 17.0240 | -0.02506 | -0.02888 | -0.06135 |
| 10 100.00 | 808.00 | 1 092.40 | 106.92 | 16.9300 | -0.02927 | -0.06365 | -0.02558 |
| 10 400.00 | 861.10 | 1 120.70 | 110.22 | 17.2310 | -0.01905 | -0.04006 | -0.02198 |
| 10 600.00 | 896.30 | 1 145.60 | 113.74 | 16.9080 | 0.009479 | 0.000781 | -0.01954 |
| 10 500.00 | 895.60 | 1 168.20 | 116.02 | 17.0930 | -0.00948 | 0.001229 | -0.00937 |
| 10 600.00 | 894.50 | 1 179.20 | 116.37 | 16.9680 | 0.048319 | -0.00846 | 0.003398 |
| 10 100.00 | 902.10 | 1 175.20 | 115.93 | 16.7960 | 0.007055 | -0.00321 | -0.00068 |
| 10 029.00 | 905.00 | 1 176.00 | 118.16 | 16.8580 | 0.002896 | -0.01241 | -0.00365 |
| 10 000.00 | 916.30 | 1 180.30 | 117.99 | 16.8620 | -0.00489 | 0.006899 | -0.00482 |
| 10 049.00 | 910.00 | 1 186.00 | 118.14 | 16.7640 | 0.005788 | -0.0184 | -0.01564 |
| 9 991.00 | 926.90 | 1 204.70 | 118.27 | 16.9820 | -0.00589 | 0.006386 | 0 |
| 10 050.00 | 921.00 | 1 204.70 | 118.99 | 16.9650 | 0.003089 | 0.013665 | -0.00464 |
| 10 019.00 | 908.50 | 1 210.30 | 118.25 | 16.9660 | 0.004903 | 0.020573 | 0.013811 |
| 9 970.00 | 890.00 | 1 193.70 | 118.52 | 17.2260 | 0.009574 | 0.021006 | 0.006893 |
| 9 875.00 | 871.50 | 1 185.50 | 118.18 | 17.3230 | -0.00545 | 0.002873 | -0.00101 |
| 9 929.00 | 869.00 | 1 186.70 | 117.05 | 17.3460 | -0.00171 | -0.01666 | -0.01048 |
| 9 946.00 | 883.60 | 1 199.20 | 118.06 | 17.2405 | -0.00381 | 0.002379 | -0.00167 |
| 9 984.00 | 881.50 | 1 201.20 | 117.38 | 17.2930 | 0.002407 | 0.000454 | -0.00324 |
| 9 960.00 | 881.10 | 1 205.10 | 118.46 | 17.1950 | 0.006042 | -0.00385 | 0.0085 |
| 9 900.00 | 884.50 | 1 194.90 | 117.36 | 17.3275 | -0.00805 | -0.0147 | -0.00609 |
| 9 980.00 | 897.60 | 1 202.20 | 117.35 | 17.2775 | 0.017691 | -0.03707 | -0.01437 |
| 9 805.00 | 931.50 | 1 219.60 | 117.4 | 16.9480 | -0.00863 | -0.01078 | -0.00865 |
| 9 890.00 | 941.60 | 1 230.20 | 117.4 | 16.8640 | 0.010674 | 0.005965 | -0.0043 |
| 9 785.00 | 936.00 | 1 235.50 | 109.82 | 16.6875 | 0.004404 | 0.033681 | 0.008208 |
| 9 742.00 | 905.00 | 1 225.40 | 111.71 | 16.7825 | 0.004321 | 0.01346 | 0.007454 |
| 9 700.00 | 892.90 | 1 216.30 | 111.49 | 16.8300 | -0.00278 | 0.01569 | 0.018756 |
| 9 727.00 | 879.00 | 1 193.70 | 107.57 | 16.9790 | -0.00134 | -0.00906 | 0.001845 |
| 9 740.00 | 887.00 | 1 191.50 | 104.57 | 17.0640 | 0.004425 | -0.0223 | -0.01152 |
| 9 697.00 | 907.00 | 1 205.30 | 104.79 | 17.2100 | -0.00031 | -0.00165 | -0.00414 |
| 9 700.00 | 908.50 | 1 210.30 | 108.27 | 17.0420 | 0.007243 | -0.00395 | -0.01215 |
| 9 630.00 | 912.10 | 1 225.10 | 113.59 | 16.9450 | -0.00724 | -0.00547 | -0.00399 |
| 9 700.00 | 917.10 | 1 230.00 | 112.02 | 16.8300 | 0.010363 | 0.012288 | 0.015155 |
| 9 600.00 | 905.90 | 1 211.50 | 112.21 | 16.8380 | 0.005013 | -0.00452 | -0.00412 |
| 9 552.00 | 910.00 | 1 216.50 | 113.74 | 16.8480 | 0.000209 | -0.01635 | 0.002057 |
| 9 550.00 | 925.00 | 1 214.00 | 114.69 | 17.0200 | 0.012009 | -0.01927 | -0.00959 |
| 9 436.00 | 943.00 | 1 225.70 | 114.67 | 17.1245 | -0.01723 | 0.00053 | 0.000326 |
| 9 600.00 | 942.50 | 1 225.30 | 120.35 | 16.7290 | 0.000521 | 0.010131 | -0.00098 |
| 9 595.00 | 933.00 | 1 226.50 | 120.49 | 16.7510 | 0.00995 | 0.006128 | 0.009091 |
| 9 500.00 | 927.30 | 1 215.40 | 118.71 | 16.8630 | 0 | 0.006709 | 0.007184 |
| 9 500.00 | 921.10 | 1 206.70 | 119.95 | 16.6330 | 0 | -0.01498 | -0.00965 |
| 9 500.00 | 935.00 | 1 218.40 | 118.43 | 16.6060 | -0.0042 | -0.00958 | -0.00532 |
| 9 540.00 | 944.00 | 1 224.90 | 116.14 | 16.4855 | 0.009479 | 0.004246 | -0.00049 |
| 9 450.00 | 940.00 | 1 225.50 | 115.4 | 16.6720 | 0.000318 | -0.01897 | -0.00497 |
| 9 447.00 | 958.00 | 1 231.60 | 115.09 | 16.6245 | -0.00138 | 0.008386 | -0.0068 |
| 9 460.00 | 950.00 | 1 240.00 | 114.3 | 16.8895 | 0.000529 | -0.00901 | -0.00467 |
| 9 455.00 | 958.60 | 1 245.80 | 116.15 | 17.1495 | 0.015455 | -0.00167 | -0.00249 |
| 9 310.00 | 960.20 | 1 248.90 | 117.18 | 17.0595 | -0.00086 | -0.00146 | 0.007959 |

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| 9 318.00 | 961.60 | 1 239.00 | 114.85 | 17.1200 | 0.007324 | 0.008459 | -0.00177 |
| 9 250.00 | 953.50 | 1 241.20 | 115.06 | 17.4020 | -0.00539 | -0.00481 | 8.06E-05 |
| 9 300.00 | 958.10 | 1 241.10 | 114.47 | 17.4870 | 0.005391 | -0.00104 | -0.00434 |
| 9 250.00 | 959.10 | 1 246.50 | 112.52 | 17.4080 | -0.00539 | 0.008376 | 0.001445 |
| 9 300.00 | 951.10 | 1 244.70 | 110.13 | 17.4845 | 0 | -0.01036 | -0.0084 |
| 9 300.00 | 961.00 | 1 255.20 | 111.25 | 17.2840 | 0.002476 | -0.00984 | 0.000877 |
| 9 277.00 | 970.50 | 1 254.10 | 113.2 | 17.0620 | 0.011601 | 0.002063 | 0.007524 |
| 9 170.00 | 968.50 | 1 244.70 | 112.54 | 17.1840 | 0.003824 | 0.00819 | -0.00561 |
| 9 135.00 | 960.60 | 1 251.70 | 109.39 | 17.1740 | -0.01413 | 0.010254 | -0.00383 |
| 9 265.00 | 950.80 | 1 256.50 | 113.72 | 17.2440 | -0.0071 | -0.03737 | -0.0073 |
| 9 331.00 | 987.00 | 1 265.70 | 113.08 | 17.2890 | -0.00737 | 0.001521 | 0.004752 |
| 9 400.00 | 985.50 | 1 259.70 | 112.87 | 17.0790 | 0.005333 | -0.01371 | -0.00665 |
| 9 350.00 | 999.10 | 1 268.10 | 115.66 | 17.0880 | -0.0031 | 0.012692 | 0.002606 |
| 9 379.00 | 986.50 | 1 264.80 | 117.82 | 16.8220 | 0.008459 | 0.003452 | -0.00103 |
| 9 300.00 | 983.10 | 1 266.10 | 113.21 | 16.8780 | -0.00215 | 0.008581 | 0.003006 |
| 9 320.00 | 974.70 | 1 262.30 | 113.69 | 16.9565 | -0.00321 | -0.00031 | 0.002697 |
| 9 350.00 | 975.00 | 1 258.90 | 111.93 | 16.6300 | 0.000107 | -0.00522 | -0.01106 |
| 9 349.00 | 980.10 | 1 272.90 | 121.55 | 16.3000 | -0.00011 | 0.006654 | 0.007966 |
| 9 350.00 | 973.60 | 1 262.80 | 124.01 | 16.3130 | 0.009672 | -0.00195 | -0.00969 |
| 9 260.00 | 975.50 | 1 275.10 | 126.64 | 16.2770 | -0.00216 | -0.0045 | 0.008585 |
| 9 280.00 | 979.90 | 1 264.20 | 126.59 | 16.2790 | -0.00054 | 0.009639 | 0.000475 |
| 9 285.00 | 970.50 | 1 263.60 | 124.94 | 16.3105 | 0.014646 | 0.007654 | 0.012102 |
| 9 150.00 | 963.10 | 1 248.40 | 124.55 | 16.4225 | -0.00816 | -0.01637 | -0.00511 |
| 9 225.00 | 979.00 | 1 254.80 | 123.64 | 16.5630 | 0.011996 | 0.007587 | 0.010334 |
| 9 115.00 | 971.60 | 1 241.90 | 124.26 | 16.6870 | 0.000549 | 0.001648 | 0.007598 |
| 9 110.00 | 970.00 | 1 232.50 | 121.35 | 16.8440 | -0.12083 | 0.016528 | 0.007493 |
| 10 280.00 | 954.10 | 1 223.30 | 121.69 | 16.9740 | 0.007813 | -0.04107 | -0.01356 |
| 10 200.00 | 994.10 | 1 240.00 | 124.63 | 16.7900 | -0.01363 | -0.00492 | 0.003878 |
| 10 340.00 | 999.00 | 1 235.20 | 122.74 | 16.6990 | -0.00048 | -0.01589 | -0.01159 |
| 10 345.00 | 1 015.00 | 1 249.60 | 122.7 | 16.8715 | -0.00048 | -0.00098 | 0.010054 |
| 10 350.00 | 1 016.00 | 1 237.10 | 121.33 | 16.8645 | 0.00426 | -0.00295 | -0.02127 |
| 10 306.00 | 1 019.00 | 1 263.70 | 126.46 | 16.9015 | -0.0134 | 0.003933 | -0.00568 |
| 10 445.00 | 1 015.00 | 1 270.90 | 126.3 | 17.1500 | -0.0119 | 0 | -0.00134 |
| 10 570.00 | 1 015.00 | 1 272.60 | 122.9 | 17.0940 | -0.01642 | 0.001972 | -0.0022 |
| 10 745.00 | 1 013.00 | 1 275.40 | 123.01 | 17.0435 | -0.00047 | 0.021352 | 0.009137 |
| 10 750.00 | 991.60 | 1 263.80 | 122.87 | 17.1350 | 0.013957 | -0.00603 | -0.00316 |
| 10 601.00 | 997.60 | 1 267.80 | 120.07 | 17.1970 | 0.009573 | 0.005629 | 0.008317 |
| 10 500.00 | 992.00 | 1 257.30 | 118.63 | 17.1925 | 0.003817 | -0.00523 | 0 |
| 10 460.00 | 997.20 | 1 257.30 | 116.94 | 17.3230 | 0.003352 | -0.00779 | -0.00278 |
| 10 425.00 | 1 005.00 | 1 260.80 | 115.35 | 17.3730 | 0.004326 | -0.01187 | 0.001588 |
| 10 380.00 | 1 017.00 | 1 258.80 | 115.58 | 17.3710 | -0.00096 | 0.003941 | 0.001113 |
| 10 390.00 | 1 013.00 | 1 257.40 | 115.95 | 17.4200 | 0.069749 | 0.007929 | 0.009589 |
| 9 690.00 | 1 005.00 | 1 245.40 | 115.45 | 17.3650 | 0.019803 | -0.01285 | 0.004426 |
| 9 500.00 | 1 018.00 | 1 239.90 | 115.41 | 17.2890 | 0.001053 | 0.027789 | 0.011682 |
| 9 490.00 | 990.10 | 1 225.50 | 115.65 | 17.3260 | -0.0063 | -0.0005 | 0.004826 |
| 9 550.00 | 990.60 | 1 219.60 | 115.63 | 17.2070 | 0.005249 | -0.01044 | -0.00278 |
| 9 500.00 | 1 001.00 | 1 223.00 | 114.92 | 17.1450 | 0.005277 | -0.0188 | 0.009613 |
| 9 450.00 | 1 020.00 | 1 211.30 | 114.13 | 17.2375 | 0.010638 | 0.045633 | 0.003722 |

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|-----------|----------|----------|--------|---------|----------|----------|----------|
| 9 350.00 | 974.50 | 1 206.80 | 114.18 | 17.4045 | 0.005362 | 0.007209 | 0.004235 |
| 9 300.00 | 967.50 | 1 201.70 | 110.96 | 17.6365 | 0.003231 | 0.020888 | -0.0039 |
| 9 270.00 | 947.50 | 1 206.40 | 111.11 | 17.4210 | -0.00667 | -0.01238 | -0.00141 |
| 9 332.00 | 959.30 | 1 208.10 | 112.95 | 17.3845 | -0.00822 | -0.02948 | -0.00734 |
| 9 409.00 | 988.00 | 1 217.00 | 114.07 | 17.4705 | -0.01697 | -0.02991 | 0.003952 |
| 9 570.00 | 1 018.00 | 1 212.20 | 114.07 | 17.6450 | 0.001569 | 0.000983 | -0.00658 |
| 9 555.00 | 1 017.00 | 1 220.20 | 115.19 | 17.4615 | 0.000523 | 0.007897 | 0.00082 |
| 9 550.00 | 1 009.00 | 1 219.20 | 112.32 | 17.4530 | -0.00522 | -0.02157 | -0.00278 |
| 9 600.00 | 1 031.00 | 1 222.60 | 116.58 | 17.3240 | 0.014902 | -0.00387 | -0.00847 |
| 9 458.00 | 1 035.00 | 1 233.00 | 115.71 | 17.3675 | -0.0149 | 0.024451 | -0.00405 |
| 9 600.00 | 1 010.00 | 1 238.00 | 114.42 | 17.4065 | 0.007843 | 0.003968 | 0.007052 |
| 9 525.00 | 1 006.00 | 1 229.30 | 116.89 | 17.5100 | 0.014381 | -0.01186 | -0.00106 |
| 9 389.00 | 1 018.00 | 1 230.60 | 113.34 | 17.7040 | 0.014915 | -0.00294 | -0.01091 |
| 9 250.00 | 1 021.00 | 1 244.10 | 112.27 | 17.6435 | 0.00542 | 0.0148 | 0.002334 |
| 9 200.00 | 1 006.00 | 1 241.20 | 111.47 | 17.7895 | -0.02151 | 0 | 0.002581 |
| 9 400.00 | 1 006.00 | 1 238.00 | 113.91 | 17.7615 | 0.004799 | -0.02552 | -0.00298 |
| 9 355.00 | 1 032.00 | 1 241.70 | 109.77 | 17.8600 | -0.01748 | -0.0058 | 0.000242 |
| 9 520.00 | 1 038.00 | 1 241.40 | 106.82 | 17.9660 | -0.00837 | -0.02003 | 0.003389 |
| 9 600.00 | 1 059.00 | 1 237.20 | 102.2 | 17.8435 | 0.007633 | 0.031657 | 0.005105 |
| 9 527.00 | 1 026.00 | 1 230.90 | 103.45 | 17.8750 | 0.008115 | -0.02026 | -0.01548 |
| 9 450.00 | 1 047.00 | 1 250.10 | 102.78 | 17.8540 | -0.0445 | 0.006708 | 0.002162 |
| 9 880.00 | 1 040.00 | 1 247.40 | 102.48 | 18.0620 | -0.00706 | 0.004819 | -0.00312 |
| 9 950.00 | 1 035.00 | 1 251.30 | 103.12 | 18.0285 | -0.00501 | 0.009709 | 0.010524 |
| 10 000.00 | 1 025.00 | 1 238.20 | 99.93 | 17.8740 | 0.005013 | -0.01164 | 0.001859 |
| 9 950.00 | 1 037.00 | 1 235.90 | 100.74 | 17.8425 | 0.010101 | -0.00864 | -0.01214 |
| 9 850.00 | 1 046.00 | 1 251.00 | 100.16 | 17.6300 | -0.00506 | 0.021257 | 0.005049 |
| 9 900.00 | 1 024.00 | 1 244.70 | 99.25 | 17.6120 | 0.010152 | 0.015748 | -0.00353 |
| 9 800.00 | 1 008.00 | 1 249.10 | 99.44 | 17.7470 | -0.0201 | 0.006969 | -0.00447 |
| 9 999.00 | 1 001.00 | 1 254.70 | 99.43 | 17.6670 | -0.0001 | 0.023654 | 0.017122 |
| 10 000.00 | 977.60 | 1 233.40 | 101.69 | 17.5925 | 0.00894 | 0.003689 | -0.01024 |
| 9 911.00 | 974.00 | 1 246.10 | 101.3 | 17.4680 | -0.00694 | 0.009283 | -0.00064 |
| 9 980.00 | 965.00 | 1 246.90 | 100.4 | 17.3705 | -0.00898 | 0.010312 | 0.008052 |
| 10 070.00 | 955.10 | 1 236.90 | 98.97 | 17.6715 | -0.01674 | -0.00616 | 0.008118 |
| 10 240.00 | 961.00 | 1 226.90 | 97.06 | 17.8185 | 0.008828 | 0.018272 | -0.01697 |
| 10 150.00 | 943.60 | 1 247.90 | 96.48 | 17.5860 | -0.01467 | 0.005313 | 0.002648 |
| 10 300.00 | 938.60 | 1 244.60 | 96.04 | 17.6550 | -0.00436 | -0.00192 | 0.008067 |
| 10 345.00 | 940.40 | 1 234.60 | 96.76 | 17.6710 | 0.028931 | 0.00149 | -0.01711 |
| 10 050.00 | 939.00 | 1 255.90 | 96.76 | 17.7360 | -0.00496 | -0.01228 | -0.00975 |
| 10 100.00 | 950.60 | 1 268.20 | 96.84 | 17.8435 | -0.00049 | 0.001263 | 0.010702 |
| 10 105.00 | 949.40 | 1 254.70 | 96.27 | 18.0315 | -0.01327 | -0.00588 | -0.01346 |
| 10 240.00 | 955.00 | 1 271.70 | 98.42 | 18.0245 | -0.00487 | -0.00522 | -0.00361 |
| 10 290.00 | 960.00 | 1 276.30 | 97.83 | 18.1700 | -0.00097 | 0.015114 | 0.027081 |
| 10 300.00 | 945.60 | 1 242.20 | 97.86 | 18.2210 | -0.00291 | -0.02815 | -0.00386 |
| 10 330.00 | 972.60 | 1 247.00 | 97.86 | 18.2530 | -0.00867 | 0 | 0.002248 |
| 10 420.00 | 972.60 | 1 244.20 | 97.86 | 18.5295 | -0.00955 | 0.008882 | 0.01156 |
| 10 520.00 | 964.00 | 1 229.90 | 96.8 | 18.8580 | 0.01359 | 0.008229 | 0.012353 |
| 10 378.00 | 956.10 | 1 214.80 | 95.05 | 19.0230 | 0.00803 | -0.0134 | -0.02319 |
| 10 295.00 | 969.00 | 1 243.30 | 94.25 | 19.0220 | 0.004381 | -0.02043 | -0.00785 |

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| 10 250.00 | 989.00 | 1 253.10 | 94.95 | 18.9310 | 0.00489 | 0.004053 | 0.008415 |
| 10 200.00 | 985.00 | 1 242.60 | 95.07 | 18.8740 | 0.002946 | -0.00304 | -0.00929 |
| 10 170.00 | 988.00 | 1 254.20 | 93.52 | 18.7010 | -0.00295 | -0.00666 | 0.008648 |
| 10 200.00 | 994.60 | 1 243.40 | 95.82 | 18.7575 | 0 | -0.001 | 0.015072 |
| 10 200.00 | 995.60 | 1 224.80 | 92.5 | 18.9140 | -0.00391 | -0.0094 | -0.00821 |
| 10 240.00 | 1 005.00 | 1 234.90 | 93.52 | 19.1450 | 0.005877 | 0.000996 | 0.012221 |
| 10 180.00 | 1 004.00 | 1 219.90 | 93.52 | 19.3085 | 0.01784 | 0.003992 | 0.002955 |
| 10 000.00 | 1 000.00 | 1 216.30 | 93.08 | 19.2690 | -0.01005 | 0 | -0.00574 |
| 10 101.00 | 1 000.00 | 1 223.30 | 93.63 | 19.2560 | -0.00975 | 0.003005 | -0.00033 |
| 10 200.00 | 997.00 | 1 223.70 | 93.55 | 19.3070 | 0.013721 | 0.013125 | 0.007958 |
| 10 061.00 | 984.00 | 1 214.00 | 93.11 | 19.2870 | 0.011094 | -0.01122 | 0.012099 |
| 9 950.00 | 995.10 | 1 199.40 | 91.31 | 19.2560 | -0.00501 | 0.135385 | 0.009803 |
| 10 000.00 | 869.10 | 1 187.70 | 91.11 | 19.1105 | 0 | -0.10467 | -0.01022 |
| 10 000.00 | 965.00 | 1 199.90 | 91.09 | 19.0150 | -0.0008 | -0.01553 | 0.006186 |
| 10 008.00 | 980.10 | 1 192.50 | 91.33 | 19.0350 | 0.0008 | -0.00407 | 0.00336 |
| 10 000.00 | 984.10 | 1 188.50 | 90.63 | 18.7810 | -0.0013 | -0.01302 | -0.00804 |
| 10 013.00 | 997.00 | 1 198.10 | 90.4 | 18.8000 | -0.00855 | 0.006036 | 0.014291 |
| 10 099.00 | 991.00 | 1 181.10 | 89.54 | 19.0365 | -9.9E-05 | 0.023482 | 0.010212 |
| 10 100.00 | 968.00 | 1 169.10 | 89.93 | 18.9390 | 0.005958 | 0.006634 | 0.002741 |
| 10 040.00 | 961.60 | 1 165.90 | 89.74 | 18.8685 | -0.01237 | 0.002603 | -0.00786 |
| 10 165.00 | 959.10 | 1 175.10 | 90.78 | 18.8910 | -0.00589 | 0.030703 | 8.51E-05 |
| 10 225.00 | 930.10 | 1 175.00 | 91.25 | 18.7710 | -0.00721 | -0.01801 | 0.007689 |
| 10 299.00 | 947.00 | 1 166.00 | 90.65 | 18.6180 | 0.004769 | 0.008377 | 0.000257 |
| 10 250.00 | 939.10 | 1 165.70 | 89.37 | 18.8540 | 0.020701 | 0.033678 | 0.014865 |
| 10 040.00 | 908.00 | 1 148.50 | 88.56 | 19.0340 | 0 | 0.00885 | 0.036622 |
| 10 040.00 | 900.00 | 1 107.20 | 86.02 | 19.2175 | 0.003992 | -0.01116 | -0.0106 |
| 10 000.00 | 910.10 | 1 119.00 | 85.9 | 18.9540 | -0.00995 | -0.01093 | -0.00668 |
| 10 100.00 | 920.10 | 1 126.50 | 84.78 | 18.6725 | -0.01961 | -0.01927 | 0.000888 |
| 10 300.00 | 938.00 | 1 125.50 | 84.53 | 18.5500 | -0.00966 | 0.006954 | 0.003115 |
| 10 400.00 | 931.50 | 1 122.00 | 82.37 | 18.4805 | 0.019418 | -0.03284 | -0.01723 |
| 10 200.00 | 962.60 | 1 141.50 | 82.34 | 18.1450 | 0.019803 | 0.006253 | -0.00489 |
| 10 000.00 | 956.60 | 1 147.10 | 83.17 | 18.0485 | 0.004711 | 0.005871 | -0.00331 |
| 9 953.00 | 951.00 | 1 150.90 | 83.7 | 18.0680 | -0.04201 | 0.020933 | 0.006451 |
| 10 380.00 | 931.30 | 1 143.50 | 83.98 | 18.2420 | 0.017003 | -0.00268 | -0.00314 |
| 10 205.00 | 933.80 | 1 147.10 | 85.49 | 18.1050 | 0.015305 | -0.01509 | -0.00738 |
| 10 050.00 | 948.00 | 1 155.60 | 86.07 | 17.9860 | -0.00496 | 0.016485 | 0.013065 |
| 10 100.00 | 932.50 | 1 140.60 | 88.08 | 18.0430 | 0.007853 | -0.01384 | -0.01462 |
| 10 021.00 | 945.50 | 1 157.40 | 87.92 | 17.8720 | 0.002098 | -0.01376 | -0.01254 |
| 10 000.00 | 958.60 | 1 172.00 | 87.93 | 17.8480 | 0.01005 | -0.00146 | 0.006763 |
| 9 900.00 | 960.00 | 1 164.10 | 87.15 | 17.6400 | -0.00885 | 0.004071 | -0.0018 |
| 9 988.00 | 956.10 | 1 166.20 | 87.05 | 17.5070 | -0.0012 | 0.000837 | -0.00633 |
| 10 000.00 | 955.30 | 1 173.60 | 86.83 | 17.2735 | -0.00499 | -0.01527 | 0.004526 |
| 10 050.00 | 970.00 | 1 168.30 | 85.33 | 17.2960 | 0.035447 | 0.002581 | 0.00644 |
| 9 700.00 | 967.50 | 1 160.80 | 84.71 | 17.4570 | 0.018731 | 0.006013 | 0.002847 |
| 9 520.00 | 961.70 | 1 157.50 | 84.06 | 17.6330 | -0.00315 | 0.004272 | 0.001297 |
| 9 550.00 | 957.60 | 1 156.00 | 82.47 | 17.6595 | 0.00567 | -0.01554 | -0.00681 |
| 9 496.00 | 972.60 | 1 163.90 | 81.27 | 17.9235 | 0.011225 | 0.011686 | 0.008109 |
| 9 390.00 | 961.30 | 1 154.50 | 82.62 | 17.6430 | 0.002132 | -0.00083 | -0.00311 |

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| 9 370.00 | 962.10 | 1 158.10 | 81.91 | 17.5510 | 0.002137 | 0.006884 | 0.017421 |
| 9 350.00 | 955.50 | 1 138.10 | 80.75 | 17.5470 | 0.014001 | 0.006826 | -0.00167 |
| 9 220.00 | 949.00 | 1 140.00 | 81.28 | 17.7750 | 0.00642 | 0.001793 | 0.007307 |
| 9 161.00 | 947.30 | 1 131.70 | 81.68 | 17.5590 | -0.01828 | -0.02368 | -0.00423 |
| 9 330.00 | 970.00 | 1 136.50 | 81.12 | 17.8580 | 0.014032 | -0.00473 | 0.002555 |
| 9 200.00 | 974.60 | 1 133.60 | 82.3 | 17.4415 | -0.00542 | -0.00604 | -0.00747 |
| 9 250.00 | 980.50 | 1 142.10 | 81.94 | 17.5175 | 0.004877 | -0.01116 | -0.00018 |
| 9 205.00 | 991.50 | 1 142.30 | 83.55 | 17.4440 | -0.01188 | 0.002929 | -0.00837 |
| 9 315.00 | 988.60 | 1 151.90 | 84.01 | 17.5320 | -0.00107 | -0.00404 | 0.010384 |
| 9 325.00 | 992.60 | 1 140.00 | 82.99 | 17.5060 | 0.015999 | -0.01837 | -0.01004 |
| 9 177.00 | 1 011.00 | 1 151.50 | 83.08 | 17.6275 | -0.01868 | 0.017864 | 0.008635 |
| 9 350.00 | 993.10 | 1 141.60 | 83.88 | 17.5475 | -0.00406 | -0.00201 | -0.00359 |
| 9 388.00 | 995.10 | 1 145.70 | 83.67 | 17.6380 | 0.014809 | 0.008173 | 0.002272 |
| 9 250.00 | 987.00 | 1 143.10 | 85.01 | 17.5545 | 0.005529 | 0.018405 | 0.011969 |
| 9 199.00 | 969.00 | 1 129.50 | 83.35 | 17.6810 | 0.030799 | -0.00463 | 0.000974 |
| 8 920.00 | 973.50 | 1 128.40 | 83.42 | 17.9635 | -0.0308 | 0.005666 | 0.001508 |
| 9 199.00 | 968.00 | 1 126.70 | 82.69 | 17.8720 | 0.009612 | 0.005075 | -0.00434 |
| 9 111.00 | 963.10 | 1 131.60 | 80.77 | 18.0185 | -0.02482 | 0.008446 | 0.009768 |
| 9 340.00 | 955.00 | 1 120.60 | 78.79 | 18.0465 | 0.004399 | 0.012539 | -0.00906 |
| 9 299.00 | 943.10 | 1 130.80 | 77.71 | 18.2755 | -0.00011 | 0.018298 | -0.00441 |
| 9 300.00 | 926.00 | 1 135.80 | 78.73 | 18.2600 | 0 | -0.00657 | 0.005651 |
| 9 300.00 | 932.10 | 1 129.40 | 77.69 | 18.4730 | 0.010811 | -0.00918 | 0.000177 |
| 9 200.00 | 940.70 | 1 129.20 | 77.29 | 18.3410 | -0.00542 | -0.00371 | -0.00741 |
| 9 250.00 | 944.20 | 1 137.60 | 78.76 | 18.5970 | 0.00542 | -0.00095 | 0.003699 |
| 9 200.00 | 945.10 | 1 133.40 | 79.42 | 18.8425 | -0.00758 | -0.01042 | 0.005751 |
| 9 270.00 | 955.00 | 1 126.90 | 77.43 | 18.8860 | -0.01393 | 0.007357 | -0.01103 |
| 9 400.00 | 948.00 | 1 139.40 | 78.89 | 18.8985 | 0.02641 | 0 | -0.00245 |
| 9 155.00 | 948.00 | 1 142.20 | 78.46 | 18.9080 | -0.00729 | 0.001055 | -0.00454 |
| 9 222.00 | 947.00 | 1 147.40 | 78.89 | 19.1265 | 0.002388 | 0.004763 | -0.00174 |
| 9 200.00 | 942.50 | 1 149.40 | 78.52 | 19.1180 | 0.002176 | 0.007455 | 0.009265 |
| 9 180.00 | 935.50 | 1 138.80 | 77.54 | 19.4695 | 0.003055 | 0.009667 | -0.00351 |
| 9 152.00 | 926.50 | 1 142.80 | 77.87 | 19.4850 | 0.019084 | -0.00108 | 0.006056 |
| 8 979.00 | 927.50 | 1 135.90 | 77.48 | 19.3010 | 0.008837 | -0.00269 | -0.0085 |
| 8 900.00 | 930.00 | 1 145.60 | 75.78 | 19.5165 | -0.0056 | -0.00107 | -0.02201 |
| 8 950.00 | 931.00 | 1 171.10 | 75.03 | 19.2005 | -0.00502 | -0.00172 | -0.00604 |
| 8 995.00 | 932.60 | 1 178.20 | 74.93 | 19.2590 | 0.005015 | 0.00118 | 0.01859 |
| 8 950.00 | 931.50 | 1 156.50 | 75.53 | 19.4290 | 0.005602 | 0.029856 | 0.013405 |
| 8 900.00 | 904.10 | 1 141.10 | 75.51 | 19.5035 | 0.007896 | -0.04583 | -0.01185 |
| 8 830.00 | 946.50 | 1 154.70 | 76.05 | 19.6020 | 0.004995 | 0.016512 | 0.002515 |
| 8 786.00 | 931.00 | 1 151.80 | 75.16 | 19.3890 | -0.00409 | 0.01657 | 0.003305 |
| 8 822.00 | 915.70 | 1 148.00 | 74.5 | 19.5210 | 0.002497 | 0.007894 | 0.005153 |
| 8 800.00 | 908.50 | 1 142.10 | 70.74 | 19.6800 | 0.016961 | 0 | -0.00889 |
| 8 652.00 | 908.50 | 1 152.30 | 70.61 | 19.7230 | -0.01149 | -0.02178 | -0.02384 |
| 8 752.00 | 928.50 | 1 180.10 | 73.08 | 19.5925 | -0.01666 | -0.00805 | 0.005779 |
| 8 899.00 | 936.00 | 1 173.30 | 73.48 | 19.5575 | 0.015743 | -0.00426 | -0.0127 |
| 8 760.00 | 940.00 | 1 188.30 | 74.84 | 19.3545 | -0.02146 | 0.032435 | 0.003119 |
| 8 950.00 | 910.00 | 1 184.60 | 75.1 | 19.2610 | 0.027182 | -0.0022 | -0.01016 |
| 8 710.00 | 912.00 | 1 196.70 | 76.74 | 19.2495 | -0.01028 | -0.00175 | 0.01236 |

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| 8 800.00 | 913.60 | 1 182.00 | 74.56 | 19.3800 | 0.009132 | -0.00109 | 0.007217 |
| 8 720.00 | 914.60 | 1 173.50 | 75.14 | 19.4930 | -0.00343 | 0.010552 | 0.005554 |
| 8 750.00 | 905.00 | 1 167.00 | 76.63 | 19.3365 | -0.017 | -0.02488 | -0.00564 |
| 8 900.00 | 927.80 | 1 173.60 | 77.83 | 19.3390 | 0.021235 | -0.01264 | -0.01581 |
| 8 713.00 | 939.60 | 1 192.30 | 79.89 | 18.7260 | -0.02907 | -0.01741 | -0.00602 |
| 8 970.00 | 956.10 | 1 199.50 | 81.54 | 18.6930 | 0.025861 | 0.007875 | 0.000334 |
| 8 741.00 | 948.60 | 1 199.10 | 81.28 | 18.7290 | -0.00422 | -0.00305 | 0.001669 |
| 8 778.00 | 951.50 | 1 197.10 | 82.9 | 18.7580 | 0.000912 | 0.002736 | -0.00732 |
| 8 770.00 | 948.90 | 1 205.90 | 83.76 | 18.7125 | -0.01808 | 0.009424 | 0.013525 |
| 8 930.00 | 940.00 | 1 189.70 | 83.6 | 18.7430 | -0.00781 | 0.025209 | -0.0005 |
| 9 000.00 | 916.60 | 1 190.30 | 81.93 | 18.7170 | -0.00011 | 0.00558 | 0.013278 |
| 9 001.00 | 911.50 | 1 174.60 | 77.5 | 18.9910 | 0.011284 | -0.01373 | -0.0142 |
| 8 900.00 | 924.10 | 1 191.40 | 78.6 | 18.9670 | 0.005634 | -0.00851 | 0.006315 |
| 8 850.00 | 932.00 | 1 183.90 | 76.66 | 19.0055 | 0.011364 | 0.014918 | -0.00463 |
| 8 750.00 | 918.20 | 1 189.40 | 75.52 | 19.2695 | -0.0226 | 0.02414 | 0.011926 |
| 8 950.00 | 896.30 | 1 175.30 | 77.9 | 19.3370 | -0.01111 | 0.00134 | 0.007601 |
| 9 050.00 | 895.10 | 1 166.40 | 77.27 | 19.4655 | 0.018063 | -0.00613 | -0.00291 |
| 8 888.00 | 900.60 | 1 169.80 | 77.59 | 19.5130 | -0.00695 | 0.021096 | 0.008154 |
| 8 950.00 | 881.80 | 1 160.30 | 75.75 | 19.7590 | 0 | 0.01808 | 0.015372 |
| 8 950.00 | 866.00 | 1 142.60 | 76.31 | 19.6630 | -0.01882 | -0.01331 | -0.00428 |
| 9 120.00 | 877.60 | 1 147.50 | 76.29 | 19.5630 | -0.02169 | -0.00953 | -0.00487 |
| 9 320.00 | 886.00 | 1 153.10 | 75.55 | 19.6585 | 0.012959 | -0.01856 | -0.01873 |
| 9 200.00 | 902.60 | 1 174.90 | 75.52 | 19.6440 | 0.000435 | 0.000554 | 8.51E-05 |
| 9 196.00 | 902.10 | 1 174.80 | 76.63 | 20.0220 | -0.00801 | 0.01688 | 0.00213 |
| 9 270.00 | 887.00 | 1 172.30 | 76.45 | 19.9725 | 0.016314 | 0.001693 | 0.020337 |
| 9 120.00 | 885.50 | 1 148.70 | 74.35 | 20.1165 | 0.035718 | -0.00181 | 0.000784 |
| 8 800.00 | 887.10 | 1 147.80 | 75.2 | 20.0295 | 0.008559 | -0.00551 | 0.006117 |
| 8 725.00 | 892.00 | 1 140.80 | 74.56 | 20.0315 | 0.002869 | 0.002245 | 0.020636 |
| 8 700.00 | 890.00 | 1 117.50 | 72.97 | 20.1800 | 0.011561 | -0.00683 | -0.00134 |
| 8 600.00 | 896.10 | 1 119.00 | 71.75 | 20.4210 | 0 | 0.020861 | 0.017034 |
| 8 600.00 | 877.60 | 1 100.10 | 71.73 | 20.5510 | 0.005831 | -0.00681 | -0.00345 |
| 8 550.00 | 883.60 | 1 103.90 | 74.94 | 21.0030 | -0.02255 | -0.02294 | -0.00884 |
| 8 745.00 | 904.10 | 1 113.70 | 74.21 | 21.1680 | 0.04025 | -0.00881 | -0.01824 |
| 8 400.00 | 912.10 | 1 134.20 | 76.66 | 20.9530 | -0.00593 | 0.00011 | 0.003179 |
| 8 450.00 | 912.00 | 1 130.60 | 76.21 | 20.8165 | 0.011785 | -0.01361 | -0.00644 |
| 8 351.00 | 924.50 | 1 137.90 | 75.17 | 20.9210 | 0.00012 | 0.004879 | -0.01058 |
| 8 350.00 | 920.00 | 1 150.00 | 75.22 | 20.8710 | 0.005886 | -0.01521 | -0.01929 |
| 8 301.00 | 934.10 | 1 172.40 | 78.08 | 20.9960 | 0.00012 | 0.01033 | -0.01103 |
| 8 300.00 | 924.50 | 1 185.40 | 78.53 | 20.9300 | -0.00132 | 0.004119 | 0.017445 |
| 8 311.00 | 920.70 | 1 164.90 | 77.05 | 20.7820 | 0.013324 | 0.01433 | 0.005855 |
| 8 201.00 | 907.60 | 1 158.10 | 77.52 | 20.7900 | -0.00329 | 0.033613 | -0.00276 |
| 8 228.00 | 877.60 | 1 161.30 | 76.12 | 20.9050 | -0.03241 | 0.015502 | 0.002932 |
| 8 499.00 | 864.10 | 1 157.90 | 75.29 | 20.8100 | 0.004599 | 0.002897 | 0.003981 |
| 8 460.00 | 861.60 | 1 153.30 | 75.11 | 20.9410 | 0.006998 | 0.022299 | 0.006786 |
| 8 401.00 | 842.60 | 1 145.50 | 73.28 | 21.2735 | -0.0205 | 0.004162 | 0.011237 |
| 8 575.00 | 839.10 | 1 132.70 | 74.33 | 21.2665 | 0.020619 | 0.01986 | 0.02268 |
| 8 400.00 | 822.60 | 1 107.30 | 73.68 | 21.6430 | 0.027763 | 0.014819 | 0.0038 |
| 8 170.00 | 810.50 | 1 103.10 | 71.43 | 21.7190 | 0.002328 | -0.02148 | -0.01019 |

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| 8 151.00 | 828.10 | 1 114.40 | 71.09 | 21.8610 | -0.00599 | 0.012272 | -0.01858 |
| 8 200.00 | 818.00 | 1 135.30 | 71.84 | 21.7325 | -0.00608 | -0.06519 | -0.04116 |
| 8 250.00 | 873.10 | 1 183.00 | 73.12 | 21.2495 | -0.00905 | 0.013259 | 0.020496 |
| 8 325.00 | 861.60 | 1 159.00 | 72.78 | 21.0060 | -0.00312 | -0.00162 | 0.00415 |
| 8 351.00 | 863.00 | 1 154.20 | 73.08 | 21.0170 | -0.00942 | -0.00808 | -0.01343 |
| 8 430.00 | 870.00 | 1 169.80 | 73 | 21.0850 | -0.00473 | 0.013773 | 0.021166 |
| 8 470.00 | 858.10 | 1 145.30 | 73.56 | 20.6690 | 0.014269 | 0.041764 | 0.009034 |
| 8 350.00 | 823.00 | 1 135.00 | 70.59 | 21.0295 | 0.018127 | 0.032102 | 0.034053 |
| 8 200.00 | 797.00 | 1 097.00 | 67.18 | 20.7290 | 0.024693 | -0.04658 | -0.05291 |
| 8 000.00 | 835.00 | 1 156.60 | 69.62 | 20.6605 | -0.02481 | 0.010837 | 0.017619 |
| 8 201.00 | 826.00 | 1 136.40 | 70.45 | 20.3670 | 0.018584 | -0.0199 | -0.00527 |
| 8 050.00 | 842.60 | 1 142.40 | 69.56 | 20.6770 | 0.0125 | 0.000119 | -0.04107 |
| 7 950.00 | 842.50 | 1 190.30 | 71.86 | 20.5160 | -0.02619 | -0.01192 | -0.02095 |
| 8 161.00 | 852.60 | 1 215.50 | 75.12 | 21.0220 | -0.02886 | 0.00659 | 0.018601 |
| 8 400.00 | 847.00 | 1 193.10 | 73.87 | 20.5280 | 0.01814 | -0.00858 | -0.00134 |
| 8 249.00 | 854.30 | 1 194.70 | 76.43 | 20.6020 | -0.01814 | -0.02634 | -0.02537 |
| 8 400.00 | 877.10 | 1 225.40 | 79.41 | 20.2810 | -0.01207 | 0.011005 | -0.00821 |
| 8 502.00 | 867.50 | 1 235.50 | 78.7 | 20.1315 | -0.0068 | 0.022735 | 0.023255 |
| 8 560.00 | 848.00 | 1 207.10 | 79 | 20.1450 | 0.040287 | -0.02676 | -0.02107 |
| 8 222.00 | 871.00 | 1 232.80 | 78.08 | 20.0450 | -0.01664 | 0.027941 | 0.072487 |
| 8 360.00 | 847.00 | 1 146.60 | 76.48 | 20.1200 | 0.007203 | -0.07339 | -0.02888 |
| 8 300.00 | 911.50 | 1 180.20 | 80.21 | 20.6980 | -0.00517 | 0.004398 | -0.01229 |
| 8 343.00 | 907.50 | 1 194.80 | 82.31 | 20.3250 | 0.029559 | -0.03092 | -0.05003 |
| 8 100.00 | 936.00 | 1 256.10 | 85.39 | 19.9370 | -0.06001 | -0.02072 | -0.02088 |
| 8 601.00 | 955.60 | 1 282.60 | 88.09 | 19.3750 | -0.04823 | 0.0022 | 0.005159 |
| 9 026.00 | 953.50 | 1 276.00 | 86.19 | 19.2770 | 0.00133 | 0.020128 | -0.00071 |
| 9 014.00 | 934.50 | 1 276.90 | 86.82 | 19.2280 | -0.00288 | 0.015638 | 0.005103 |
| 9 040.00 | 920.00 | 1 270.40 | 84.59 | 19.3410 | -0.01754 | -0.04537 | -0.0218 |
| 9 200.00 | 962.70 | 1 298.40 | 85.59 | 19.4390 | -0.07333 | -0.01064 | -0.0124 |
| 9 900.00 | 973.00 | 1 314.60 | 86.72 | 18.9810 | -0.00975 | 0.001028 | 0.016877 |
| 9 997.00 | 972.00 | 1 292.60 | 86.09 | 18.9710 | -0.0003 | -0.00257 | 0.012534 |
| 10 000.00 | 974.50 | 1 276.50 | 84.58 | 19.1020 | 0.002002 | 0.004525 | -0.00897 |
| 9 980.00 | 970.10 | 1 288.00 | 84.55 | 18.8745 | -0.001 | -0.01219 | 0.002721 |
| 9 990.00 | 982.00 | 1 284.50 | 84.73 | 18.8180 | 0 | 0.019434 | -0.00109 |
| 9 990.00 | 963.10 | 1 285.90 | 83.09 | 18.7855 | 0.003008 | -0.00611 | -0.00736 |
| 9 960.00 | 969.00 | 1 295.40 | 84.81 | 18.6280 | 0.002715 | -0.00515 | -0.00677 |
| 9 933.00 | 974.00 | 1 304.20 | 86.9 | 18.5090 | 0.000302 | 0.000103 | 0.008161 |
| 9 930.00 | 973.90 | 1 293.60 | 85.81 | 18.3530 | -0.00302 | -0.01336 | 0.030293 |
| 9 960.00 | 987.00 | 1 255.00 | 83.44 | 18.4550 | 0.001005 | 0.000507 | 0.005994 |
| 9 950.00 | 986.50 | 1 247.50 | 85.21 | 18.5175 | -0.001 | -0.00263 | 0.010638 |
| 9 960.00 | 989.10 | 1 234.30 | 82.77 | 18.6675 | 0.000703 | 0.014768 | 0.011817 |
| 9 953.00 | 974.60 | 1 219.80 | 82.63 | 18.7730 | 0.00635 | -0.00909 | -0.019 |
| 9 890.00 | 983.50 | 1 243.20 | 84.49 | 18.8705 | -0.00605 | -0.01864 | 0.005727 |
| 9 950.00 | 1 002.00 | 1 236.10 | 85.05 | 18.8210 | 0.005038 | -0.00299 | 0.007063 |
| 9 900.00 | 1 005.00 | 1 227.40 | 84.48 | 18.8000 | 0 | 0.008895 | 0.003755 |
| 9 900.00 | 996.10 | 1 222.80 | 82.63 | 18.6620 | 0.001011 | 0.009684 | 0.021492 |
| 9 890.00 | 986.50 | 1 196.80 | 80.37 | 18.8170 | -0.00101 | -0.00968 | -0.01328 |
| 9 900.00 | 996.10 | 1 212.80 | 79.46 | 18.8930 | 0.000202 | -0.0089 | 0.00695 |

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| 9 898.00 | 1 005.00 | 1 204.40 | 79.89 | 18.8520 | 0.022064 | 0.016959 | -0.00522 |
| 9 682.00 | 988.10 | 1 210.70 | 77.98 | 18.9680 | -0.007 | 0.005175 | 0.011464 |
| 9 750.00 | 983.00 | 1 196.90 | 78.64 | 19.1000 | 0 | 0.016411 | 0.010921 |
| 9 750.00 | 967.00 | 1 183.90 | 78.03 | 19.0705 | 0.005141 | -0.01019 | -0.00278 |
| 9 700.00 | 976.90 | 1 187.20 | 79.17 | 18.8540 | 0.008282 | -0.00215 | 0.00177 |
| 9 620.00 | 979.00 | 1 185.10 | 78.09 | 18.7565 | -0.00311 | -0.00102 | -0.0032 |
| 9 650.00 | 980.00 | 1 188.90 | 78.37 | 18.7740 | 0.001037 | 0.020515 | -0.01635 |
| 9 640.00 | 960.10 | 1 208.50 | 80.09 | 18.6675 | -0.00197 | -0.00156 | -0.00791 |
| 9 659.00 | 961.60 | 1 218.10 | 80.28 | 18.4760 | -0.00072 | 0.003125 | 0.013389 |
| 9 666.00 | 958.60 | 1 201.90 | 79.45 | 18.4765 | -0.01224 | -0.00416 | 0.012727 |
| 9 785.00 | 962.60 | 1 186.70 | 77.08 | 18.6690 | -0.02073 | 0.00052 | -0.00194 |
| 9 990.00 | 962.10 | 1 189.00 | 79.38 | 18.5515 | -0.004 | 0.004166 | 0.010229 |
| 10 030.00 | 958.10 | 1 176.90 | 79.44 | 18.6550 | -0.01484 | 0.007438 | -0.00042 |
| 10 180.00 | 951.00 | 1 177.40 | 80.29 | 18.7130 | 0.004134 | -0.00942 | 0.004853 |
| 10 138.00 | 960.00 | 1 171.70 | 78.77 | 18.8370 | -0.01001 | 0.025852 | 0.000854 |
| 10 240.00 | 935.50 | 1 170.70 | 78.94 | 18.8045 | -0.00244 | 0.009667 | 0.011944 |
| 10 265.00 | 926.50 | 1 156.80 | 79.2 | 18.8240 | 0.006352 | -0.01447 | 0.008508 |
| 10 200.00 | 940.00 | 1 147.00 | 77.88 | 18.9825 | -0.00489 | 0.011663 | -0.00183 |
| 10 250.00 | 929.10 | 1 149.10 | 78.66 | 18.8035 | 0.006853 | 0.006695 | 0.001742 |
| 10 180.00 | 922.90 | 1 147.10 | 77.5 | 18.9440 | -0.00627 | 0.002495 | -0.00078 |
| 10 244.00 | 920.60 | 1 148.00 | 76.07 | 19.0620 | 0.004304 | 0.0049 | 0.008134 |
| 10 200.00 | 916.10 | 1 138.70 | 76.36 | 19.0265 | -0.00976 | -0.00109 | 0.011216 |
| 10 300.00 | 917.10 | 1 126.00 | 74.38 | 19.1470 | 0.034571 | -0.00706 | -0.0106 |
| 9 950.00 | 923.60 | 1 138.00 | 77 | 19.1410 | -0.01496 | 0.0063 | -0.00473 |
| 10 100.00 | 917.80 | 1 143.40 | 76.44 | 19.0730 | -0.00494 | -0.01707 | -0.00975 |
| 10 150.00 | 933.60 | 1 154.60 | 76.95 | 18.9340 | -0.00256 | -0.00043 | 0.003992 |
| 10 176.00 | 934.00 | 1 150.00 | 76.88 | 18.8925 | 0.002558 | 0.007523 | 0.007419 |
| 10 150.00 | 927.00 | 1 141.50 | 76.61 | 18.8540 | -0.01467 | -0.02187 | -0.00959 |
| 10 300.00 | 947.50 | 1 152.50 | 74.89 | 18.9710 | 0.009756 | 0.029127 | 0.010204 |
| 10 200.00 | 920.30 | 1 140.80 | 74.82 | 18.8820 | 0.025016 | 0.022749 | 0.024311 |
| 9 948.00 | 899.60 | 1 113.40 | 71.49 | 19.0670 | 0.011017 | 0.010729 | -0.00769 |
| 9 839.00 | 890.00 | 1 122.00 | 72.35 | 18.9440 | -0.00112 | -0.00168 | -0.00923 |
| 9 850.00 | 891.50 | 1 132.40 | 70.4 | 19.0240 | 0.00305 | 0.006188 | 0.018539 |
| 9 820.00 | 886.00 | 1 111.60 | 70.4 | 18.9200 | 0.017463 | 0.005546 | 0.017057 |
| 9 650.00 | 881.10 | 1 092.80 | 69.62 | 19.1810 | -0.0062 | 0.001818 | -0.00137 |
| 9 710.00 | 879.50 | 1 094.30 | 70.11 | 19.1740 | 0.006198 | -0.03519 | -0.03669 |
| 9 650.00 | 911.00 | 1 135.20 | 71.3 | 19.1370 | -0.00537 | -0.00055 | -0.03378 |
| 9 702.00 | 911.50 | 1 174.20 | 75.77 | 18.7420 | -0.01504 | -0.02556 | -0.00204 |
| 9 849.00 | 935.10 | 1 176.60 | 73.94 | 18.6100 | 0.009078 | 0.014 | -0.01006 |
| 9 760.00 | 922.10 | 1 188.50 | 71.58 | 18.6060 | -0.00409 | -0.00584 | 0.009978 |
| 9 800.00 | 927.50 | 1 176.70 | 71.2 | 18.9040 | -0.00051 | -0.01509 | -0.00821 |
| 9 805.00 | 941.60 | 1 186.40 | 70.65 | 18.8090 | -0.02019 | 0.004791 | 0.001096 |
| 10 005.00 | 937.10 | 1 185.10 | 72.75 | 18.6735 | -0.01508 | -0.01641 | 0.001605 |
| 10 157.00 | 952.60 | 1 183.20 | 72.63 | 18.5060 | 0.002859 | -0.0305 | -0.00967 |
| 10 128.00 | 982.10 | 1 194.70 | 72.18 | 18.3745 | 0.002768 | 0.018498 | 0.009503 |
| 10 100.00 | 964.10 | 1 183.40 | 72.73 | 18.4350 | 0.024049 | -0.02155 | -0.02734 |
| 9 860.00 | 985.10 | 1 216.20 | 74.13 | 18.5475 | -0.02899 | -0.01311 | -0.00337 |
| 10 150.00 | 998.10 | 1 220.30 | 75.09 | 18.4630 | 0.015089 | 0.00603 | 0.008559 |

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| 9 998.00 | 992.10 | 1 209.90 | 75.18 | 18.0340 | 0.011873 | -0.01292 | 0.020289 |
| 9 880.00 | 1 005.00 | 1 185.60 | 76.85 | 18.0490 | 0.01345 | 0.004988 | -0.01124 |
| 9 748.00 | 1 000.00 | 1 199.00 | 77.61 | 17.9380 | 0.030095 | 0.021632 | 0.012083 |
| 9 459.00 | 978.60 | 1 184.60 | 77.57 | 18.0160 | 0.03212 | 0.022215 | 0.006776 |
| 9 160.00 | 957.10 | 1 176.60 | 79.38 | 18.0710 | 0.014294 | -0.00469 | -0.00509 |
| 9 030.00 | 961.60 | 1 182.60 | 80.14 | 18.0420 | 0.003328 | -0.00612 | 0.021712 |
| 9 000.00 | 967.50 | 1 157.20 | 80.06 | 18.2300 | 0.012185 | -0.00567 | 0.003896 |
| 8 891.00 | 973.00 | 1 152.70 | 80.57 | 18.3745 | -0.00661 | 0 | -0.00346 |
| 8 950.00 | 973.00 | 1 156.70 | 80.14 | 18.2060 | -0.01662 | -0.00308 | 0.00607 |
| 9 100.00 | 976.00 | 1 149.70 | 79.27 | 18.2835 | 0.022223 | 0.017572 | 0.015073 |
| 8 900.00 | 959.00 | 1 132.50 | 79.05 | 18.1650 | 0.006764 | 0.017886 | 0.013513 |
| 8 840.00 | 942.00 | 1 117.30 | 77.62 | 18.4325 | 0.00499 | -0.00961 | -0.00749 |
| 8 796.00 | 951.10 | 1 125.70 | 76.65 | 18.3970 | 0.034231 | 0.013763 | 0.010089 |
| 8 500.00 | 938.10 | 1 114.40 | 76.59 | 18.3825 | 0.007676 | -0.00891 | 0.008199 |
| 8 435.00 | 946.50 | 1 105.30 | 73.87 | 18.4210 | 0.010128 | -0.00264 | -0.00559 |
| 8 350.00 | 949.00 | 1 111.50 | 71.64 | 18.4770 | 0.001198 | 0.010806 | 0.002162 |
| 8 340.00 | 938.80 | 1 109.10 | 72.74 | 18.3685 | 0.00722 | 0.024804 | 0.000451 |
| 8 280.00 | 915.80 | 1 108.60 | 71.87 | 18.3515 | 0.006665 | 0.010207 | -0.00818 |
| 8 225.00 | 906.50 | 1 117.70 | 71.28 | 18.2845 | -0.01807 | -0.01706 | 0.002867 |
| 8 375.00 | 922.10 | 1 114.50 | 73.34 | 18.0680 | 0.007912 | -0.00422 | 0.015918 |
| 8 309.00 | 926.00 | 1 096.90 | 71.33 | 18.0555 | -0.00252 | 0.013481 | -0.00754 |
| 8 330.00 | 913.60 | 1 105.20 | 71.19 | 17.6570 | 0.00036 | -0.02315 | -0.00433 |
| 8 327.00 | 935.00 | 1 110.00 | 70.07 | 17.6580 | -0.00276 | 0.01824 | 0.008141 |
| 8 350.00 | 918.10 | 1 101.00 | 70.91 | 17.5020 | 0.006006 | 0.031647 | -0.00444 |
| 8 300.00 | 889.50 | 1 105.90 | 73.63 | 17.4870 | 0.012121 | -0.02816 | -0.0132 |
| 8 200.00 | 914.90 | 1 120.60 | 74.93 | 17.5100 | -0.01212 | -0.00262 | -0.01681 |
| 8 300.00 | 917.30 | 1 139.60 | 76.18 | 17.3030 | 0.000241 | -0.02349 | -0.00917 |
| 8 298.00 | 939.10 | 1 150.10 | 77.74 | 17.2880 | 0.005801 | -0.00266 | 0.019314 |
| 8 250.00 | 941.60 | 1 128.10 | 77.76 | 17.1455 | 0.008154 | 0.003724 | 0.010694 |
| 8 183.00 | 938.10 | 1 116.10 | 76.96 | 17.2085 | 0.000367 | 0.010825 | -0.00116 |
| 8 180.00 | 928.00 | 1 117.40 | 78.68 | 17.1840 | 0.022251 | -0.01104 | 0.000806 |
| 8 000.00 | 938.30 | 1 116.50 | 77.77 | 17.4245 | 0.012579 | -0.03426 | 0.004488 |
| 7 900.00 | 971.00 | 1 111.50 | 76 | 17.4525 | -0.01881 | -0.01259 | -0.01474 |
| 8 050.00 | 983.30 | 1 128.00 | 76.57 | 17.1790 | -0.00656 | 0.003566 | -0.0112 |
| 8 103.00 | 979.80 | 1 140.70 | 75.35 | 17.4165 | 0.003709 | -0.00864 | -0.01203 |
| 8 073.00 | 988.30 | 1 154.50 | 78.14 | 17.2905 | 0.000248 | -0.00172 | 0.003818 |
| 8 071.00 | 990.00 | 1 150.10 | 75.61 | 17.4445 | -0.02181 | 0.013628 | 0.002699 |
| 8 249.00 | 976.60 | 1 147.00 | 76.45 | 17.2190 | 0.011951 | 0.004104 | 0.001309 |
| 8 151.00 | 972.60 | 1 145.50 | 78.64 | 17.0210 | 0.000123 | -0.02387 | -0.00601 |
| 8 150.00 | 996.10 | 1 152.40 | 77.14 | 16.9980 | -0.05025 | 0.008064 | 8.68E-05 |
| 8 570.00 | 988.10 | 1 152.30 | 74.81 | 17.0815 | 0 | 0.013244 | -0.01422 |
| 8 570.00 | 975.10 | 1 168.80 | 75.18 | 17.2195 | -0.0116 | -0.0192 | 0.009629 |
| 8 670.00 | 994.00 | 1 157.60 | 76.99 | 17.0240 | 0.014171 | -0.00211 | 0.000605 |
| 8 548.00 | 996.10 | 1 156.90 | 77.07 | 17.0160 | -0.01763 | -0.00351 | -0.00095 |
| 8 700.00 | 999.60 | 1 158.00 | 77.18 | 17.0500 | -0.01596 | 0.011571 | 0.019974 |
| 8 840.00 | 988.10 | 1 135.10 | 75.51 | 17.3430 | 0.020572 | -0.01895 | -0.01182 |
| 8 660.00 | 1 007.00 | 1 148.60 | 78.02 | 17.3605 | -0.02734 | -0.01283 | 0.017034 |
| 8 900.00 | 1 020.00 | 1 129.20 | 78.21 | 17.4755 | 0.011413 | 0.022206 | 0.015349 |

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|----------|----------|----------|-------|---------|----------|----------|----------|
| 8 799.00 | 997.60 | 1 112.00 | 75.68 | 17.8340 | 0.005699 | -0.02514 | -0.01641 |
| 8 749.00 | 1 023.00 | 1 130.40 | 75.56 | 17.8890 | -0.00411 | 0.003918 | -0.00968 |
| 8 785.00 | 1 019.00 | 1 141.40 | 74.91 | 18.0250 | 0.009608 | -0.01558 | 0.010392 |
| 8 701.00 | 1 035.00 | 1 129.60 | 77.18 | 17.7210 | 0.011676 | -0.03232 | -0.0199 |
| 8 600.00 | 1 069.00 | 1 152.30 | 76.69 | 17.6970 | -0.02299 | -0.01486 | -0.01439 |
| 8 800.00 | 1 085.00 | 1 169.00 | 76.45 | 17.5360 | -0.02203 | 0.002769 | -0.00529 |
| 8 996.00 | 1 082.00 | 1 175.20 | 77.72 | 17.2670 | 0.00178 | -0.00185 | 0.020633 |
| 8 980.00 | 1 084.00 | 1 151.20 | 78.36 | 17.2910 | -0.00222 | -0.00735 | -0.01054 |
| 9 000.00 | 1 092.00 | 1 163.40 | 77.74 | 17.2480 | 0.007696 | 0.011976 | -0.00489 |
| 8 931.00 | 1 079.00 | 1 169.10 | 76.51 | 17.2880 | -0.00213 | -0.02018 | 0.014735 |
| 8 950.00 | 1 101.00 | 1 152.00 | 75.86 | 17.2160 | 0.00549 | -0.00814 | -0.00355 |
| 8 901.00 | 1 110.00 | 1 156.10 | 74.58 | 17.3395 | -0.00101 | 0.006326 | -0.00526 |
| 8 910.00 | 1 103.00 | 1 162.20 | 73.14 | 17.2730 | -0.00983 | 0.03412 | -0.01231 |
| 8 998.00 | 1 066.00 | 1 176.60 | 72.16 | 17.3510 | 0.003117 | 0.020854 | 0.011368 |
| 8 970.00 | 1 044.00 | 1 163.30 | 70.81 | 17.4620 | 0.007834 | -0.01427 | -0.0173 |
| 8 900.00 | 1 059.00 | 1 183.60 | 70.75 | 17.4810 | 0 | 0.015224 | 0.030975 |
| 8 900.00 | 1 043.00 | 1 147.50 | 69.45 | 17.5915 | 0.006764 | 0.039106 | 0.004017 |
| 8 840.00 | 1 003.00 | 1 142.90 | 68.47 | 17.4990 | 0.013094 | 0.007908 | 0.007641 |
| 8 725.00 | 995.10 | 1 134.20 | 67.65 | 17.5170 | 0.000573 | 0.003523 | -0.00878 |
| 8 720.00 | 991.60 | 1 144.20 | 68.51 | 17.4230 | -0.0148 | 0.015243 | 0.018168 |
| 8 850.00 | 976.60 | 1 123.60 | 65.26 | 17.4240 | 0.014798 | 0.001537 | 0.006877 |
| 8 720.00 | 975.10 | 1 115.90 | 66.5 | 17.4470 | -0.00343 | -0.01678 | -0.03262 |
| 8 750.00 | 991.60 | 1 152.90 | 67.12 | 17.5000 | -0.0057 | 0.007491 | -0.00364 |
| 8 800.00 | 984.20 | 1 157.10 | 65.82 | 17.2485 | 0 | -0.00497 | 0.010425 |
| 8 800.00 | 989.10 | 1 145.10 | 64.63 | 17.2610 | 0.005698 | 0.019499 | 0.002361 |
| 8 750.00 | 970.00 | 1 142.40 | 64.6 | 17.1445 | -0.017 | -0.01687 | -0.01477 |
| 8 900.00 | 986.50 | 1 159.40 | 64.99 | 17.1990 | 0.013917 | 0.015734 | -0.00602 |
| 8 777.00 | 971.10 | 1 166.40 | 67.43 | 17.0965 | -0.01952 | -0.00308 | 0.002919 |
| 8 950.00 | 974.10 | 1 163.00 | 69.65 | 17.0025 | -0.02516 | 0.027687 | 0.020062 |
| 9 178.00 | 947.50 | 1 139.90 | 68.11 | 17.1300 | 0.061333 | -0.00053 | -0.01368 |
| 8 632.00 | 948.00 | 1 155.60 | 70.72 | 17.0920 | -0.01358 | -0.00945 | -0.00759 |
| 8 750.00 | 957.00 | 1 164.40 | 71.56 | 17.1090 | 0.014389 | 0.008395 | 0.008279 |
| 8 625.00 | 949.00 | 1 154.80 | 68.51 | 17.1120 | 0.006981 | -0.00735 | 0.018617 |
| 8 565.00 | 956.00 | 1 133.50 | 66.53 | 17.3185 | 0.020644 | 0.011573 | -8.8E-05 |
| 8 390.00 | 945.00 | 1 133.60 | 66.91 | 17.4315 | -0.00866 | -0.00317 | -0.00686 |
| 8 463.00 | 948.00 | 1 141.40 | 68.76 | 17.4765 | 0.019448 | 0.00317 | -0.00533 |
| 8 300.00 | 945.00 | 1 147.50 | 68.96 | 17.4840 | -0.01198 | 0.025074 | -0.00469 |
| 8 400.00 | 921.60 | 1 152.90 | 69.76 | 17.4935 | -0.00593 | 0.010471 | -0.00493 |
| 8 450.00 | 912.00 | 1 158.60 | 69.2 | 17.6010 | 0.017911 | 0.033448 | 0.009104 |
| 8 300.00 | 882.00 | 1 148.10 | 65.84 | 17.8310 | 0.013342 | 0.005685 | 0.012798 |
| 8 190.00 | 877.00 | 1 133.50 | 66.78 | 17.9325 | 0.004896 | -0.0058 | 0.011892 |
| 8 150.00 | 882.10 | 1 120.10 | 67.6 | 18.0345 | 0.018576 | -0.01295 | -0.04128 |
| 8 000.00 | 893.60 | 1 167.30 | 68.78 | 18.0890 | -0.0155 | -0.00725 | 0.004379 |
| 8 125.00 | 900.10 | 1 162.20 | 69.02 | 17.7850 | -0.02131 | -0.02034 | 0.025711 |
| 8 300.00 | 918.60 | 1 132.70 | 72.8 | 17.7605 | 0.009077 | 0.009406 | -0.02269 |
| 8 225.00 | 910.00 | 1 158.70 | 70.68 | 17.7610 | 0.012848 | -0.0011 | -0.00774 |
| 8 120.00 | 911.00 | 1 167.70 | 70.74 | 17.8570 | 0.002466 | -0.00066 | -0.02294 |
| 8 100.00 | 911.60 | 1 194.80 | 73.1 | 17.7520 | 0 | 0.001757 | -0.00075 |

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| 8 100.00 | 910.00 | 1 195.70 | 74.34 | 17.7545 | 0.012423 | 0.010383 | 0.04823 |
| 8 000.00 | 900.60 | 1 139.40 | 73.71 | 17.7745 | 0.031749 | 0.041952 | 0.002197 |
| 7 750.00 | 863.60 | 1 136.90 | 73.75 | 17.9015 | 0.003102 | 0.011061 | 0.011767 |
| 7 726.00 | 854.10 | 1 123.60 | 72.81 | 18.0320 | 0.007275 | -0.0099 | -0.01563 |
| 7 670.00 | 862.60 | 1 141.30 | 68.66 | 18.1210 | -0.0232 | -0.03866 | 0.011101 |
| 7 850.00 | 896.60 | 1 128.70 | 68.65 | 18.2775 | 0.008957 | -0.03776 | -0.03713 |
| 7 780.00 | 931.10 | 1 171.40 | 71.33 | 18.0855 | -0.00768 | 0.025122 | 0.003849 |
| 7 840.00 | 908.00 | 1 166.90 | 73.76 | 18.0405 | -0.02008 | 0.010406 | 0.045586 |
| 7 999.00 | 898.60 | 1 114.90 | 74.03 | 18.1710 | 0.032915 | 0.001894 | 0.001167 |
| 7 740.00 | 896.90 | 1 113.60 | 71.58 | 18.2170 | -0.03054 | 0.013357 | -0.03468 |
| 7 980.00 | 885.00 | 1 152.90 | 73.79 | 18.1715 | -0.01369 | 0.030284 | 0.010025 |
| 8 090.00 | 858.60 | 1 141.40 | 74.21 | 18.2125 | -0.00099 | -0.0287 | -0.00228 |
| 8 098.00 | 883.60 | 1 144.00 | 74.61 | 18.0630 | 0.063469 | 0.012527 | 0.020756 |
| 7 600.00 | 872.60 | 1 120.50 | 74.39 | 18.0245 | -0.00263 | 0.00172 | 0.025581 |
| 7 620.00 | 871.10 | 1 092.20 | 73.82 | 17.9310 | 0.015873 | 0.012824 | -0.00101 |
| 7 500.00 | 860.00 | 1 093.30 | 72.9 | 17.7860 | 0.000267 | 0.014642 | 0.025475 |
| 7 498.00 | 847.50 | 1 065.80 | 70.08 | 17.9230 | 0.029505 | -0.02044 | 0.033973 |
| 7 280.00 | 865.00 | 1 030.20 | 68.82 | 18.1740 | -0.00274 | 0.008125 | 0.035469 |
| 7 300.00 | 858.00 | 994.30 | 65.79 | 18.2175 | 0.041964 | 0.030772 | 0.007774 |
| 7 000.00 | 832.00 | 986.60 | 68.53 | 18.0040 | 0.018746 | -0.01325 | -0.00647 |
| 6 870.00 | 843.10 | 993.00 | 69.78 | 17.8935 | -0.00145 | 0.03574 | 0.01277 |
| 6 880.00 | 813.50 | 980.40 | 68.82 | 17.8710 | 0.00437 | 0.028933 | 0.023948 |
| 6 850.00 | 790.30 | 957.20 | 68.06 | 18.0895 | 0.007473 | -0.00354 | 0.002301 |
| 6 799.00 | 793.10 | 955.00 | 65.36 | 18.1485 | -0.01475 | -0.00566 | -0.01435 |
| 6 900.00 | 797.60 | 968.80 | 65.93 | 18.1750 | -0.01582 | -0.01234 | 0.00642 |
| 7 010.00 | 807.50 | 962.60 | 64.64 | 18.1610 | 0.019592 | 0.031321 | 0.0193 |
| 6 874.00 | 782.60 | 944.20 | 63.54 | 18.3635 | 0.013622 | 0.007053 | -0.00444 |
| 6 781.00 | 777.10 | 948.40 | 62.02 | 18.3680 | -0.00691 | -0.01088 | -0.00137 |
| 6 828.00 | 785.60 | 949.70 | 61.25 | 18.3395 | 0.011489 | 0.001911 | 0.019457 |
| 6 750.00 | 784.10 | 931.40 | 60.48 | 18.5775 | 0.007584 | 0.01219 | 0.025775 |
| 6 699.00 | 774.60 | 907.70 | 58.25 | 18.6175 | -0.00758 | 0.010512 | 0.021154 |
| 6 750.00 | 766.50 | 888.70 | 58.43 | 18.6585 | 0.03774 | -0.00857 | -0.00202 |
| 6 500.00 | 773.10 | 890.50 | 59.17 | 18.5605 | 0.047253 | 0.005447 | 0.009138 |
| 6 200.00 | 768.90 | 882.40 | 59.71 | 18.7690 | 0.00485 | 0.011116 | 0.001928 |
| 6 170.00 | 760.40 | 880.70 | 61.54 | 18.6305 | 0.003247 | -0.03806 | -0.00656 |
| 6 150.00 | 789.90 | 886.50 | 65.74 | 18.5800 | -0.01932 | -0.01894 | -0.014 |
| 6 270.00 | 805.00 | 899.00 | 68.52 | 18.1470 | -0.01236 | 0.021344 | 0.00089 |
| 6 348.00 | 788.00 | 898.20 | 68.11 | 18.5315 | 0.004421 | 0.048758 | 0.007039 |
| 6 320.00 | 750.50 | 891.90 | 69.75 | 18.4170 | 0.01917 | 0.013279 | -0.00325 |
| 6 200.00 | 740.60 | 894.80 | 68.1 | 18.4920 | 0 | 0.003381 | 0.002014 |
| 6 200.00 | 738.10 | 893.00 | 68.82 | 18.5690 | 0.00485 | 0.030259 | -0.01302 |
| 6 170.00 | 716.10 | 904.70 | 68.47 | 18.7270 | -0.01288 | -0.00404 | 0.020999 |
| 6 250.00 | 719.00 | 885.90 | 66.36 | 18.6365 | 0.006421 | -0.03162 | -0.01457 |
| 6 210.00 | 742.10 | 898.90 | 66.13 | 18.7530 | 0.021979 | -0.05314 | -0.03605 |
| 6 075.00 | 782.60 | 931.90 | 70.48 | 18.7995 | -0.00411 | -0.00497 | 0.010463 |
| 6 100.00 | 786.50 | 922.20 | 69.96 | 19.0055 | 0.006084 | 0.001909 | 0 |
| 6 063.00 | 785.00 | 922.20 | 68.95 | 19.1500 | 0.001981 | -0.02329 | -0.01089 |
| 6 051.00 | 803.50 | 932.30 | 70.52 | 19.3240 | -0.01248 | 0.002617 | -0.00833 |

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| 6 127.00 | 801.40 | 940.10 | 68.49 | 19.4715 | -0.01988 | -0.00448 | -0.01813 |
| 6 250.00 | 805.00 | 957.30 | 70.62 | 19.0135 | -0.0143 | -0.00199 | -0.0078 |
| 6 340.00 | 806.60 | 964.80 | 71.71 | 18.9325 | 0.006329 | -0.00544 | -0.00455 |
| 6 300.00 | 811.00 | 969.20 | 70.52 | 19.1470 | 0 | 0.014907 | 0.008913 |
| 6 300.00 | 799.00 | 960.60 | 68.94 | 19.0165 | -0.00791 | 0.032953 | 0.021146 |
| 6 350.00 | 773.10 | 940.50 | 67.61 | 19.3800 | 0.015873 | -0.02793 | -0.0111 |
| 6 250.00 | 795.00 | 951.00 | 67.77 | 19.3370 | -0.00335 | -0.01076 | 0.019752 |
| 6 271.00 | 803.60 | 932.40 | 67.68 | 19.0120 | 0.001756 | -0.00174 | 0.009375 |
| 6 260.00 | 805.00 | 923.70 | 66.15 | 19.0110 | 0.009631 | 0.009235 | -0.00454 |
| 6 200.00 | 797.60 | 927.90 | 67.67 | 18.7295 | -0.00643 | 0.009574 | 0.010509 |
| 6 240.00 | 790.00 | 918.20 | 66.6 | 18.8555 | 0.006431 | 0.01917 | 0.060148 |
| 6 200.00 | 775.00 | 864.60 | 64.98 | 19.0380 | 0.049597 | 0.007122 | -0.04179 |
| 5 900.00 | 769.50 | 901.50 | 63.47 | 19.3105 | -0.0415 | -0.0013 | -0.00971 |
| 6 150.00 | 770.50 | 910.30 | 61.28 | 19.3480 | -0.0081 | 0.017016 | -0.00482 |
| 6 200.00 | 757.50 | 914.70 | 59.05 | 19.0570 | -0.01759 | -0.0109 | -0.01206 |
| 6 310.00 | 765.80 | 925.80 | 58.7 | 19.0510 | -0.00616 | -0.014 | -0.00248 |
| 6 349.00 | 776.60 | 928.10 | 58.02 | 19.2090 | 0.007748 | -0.02102 | -0.02048 |
| 6 300.00 | 793.10 | 947.30 | 59.1 | 19.3530 | -0.01403 | -0.01489 | 0.034692 |
| 6 389.00 | 805.00 | 915.00 | 57.12 | 19.5685 | 0.008804 | 0.041081 | 0.017085 |
| 6 333.00 | 772.60 | 899.50 | 56.51 | 19.7225 | 0.049857 | 0.013815 | -0.00189 |
| 6 025.00 | 762.00 | 901.20 | 56.33 | 19.9255 | 0.001661 | 0.022562 | 0.018253 |
| 6 015.00 | 745.00 | 884.90 | 56.25 | 19.6995 | 0.019304 | -0.02125 | -0.01969 |
| 5 900.00 | 761.00 | 902.50 | 56.84 | 19.8475 | -0.00928 | -0.06917 | -0.06437 |
| 5 955.00 | 815.50 | 962.50 | 56.52 | 19.6280 | -0.00669 | -0.03328 | -0.00042 |
| 5 995.00 | 843.10 | 962.90 | 55.99 | 19.7090 | 0.05927 | 0.071912 | -0.02035 |
| 5 650.00 | 784.60 | 982.70 | 56.63 | 19.9000 | 0.003546 | 0.007163 | 0.031949 |
| 5 630.00 | 779.00 | 951.80 | 55.07 | 20.1110 | 0.021545 | 0.011621 | 0.017701 |
| 5 510.00 | 770.00 | 935.10 | 53.16 | 20.0310 | -0.00705 | -0.0129 | 0.034156 |
| 5 549.00 | 780.00 | 903.70 | 53.26 | 19.7680 | 0.00887 | -0.03774 | 0.025894 |
| 5 500.00 | 810.00 | 880.60 | 50.3 | 20.2270 | 0 | 0.03774 | 0.038195 |
| 5 500.00 | 780.00 | 847.60 | 50.22 | 20.1465 | 0.018349 | 0.039221 | 0.03518 |
| 5 400.00 | 750.00 | 818.30 | 48.64 | 20.3120 | 0.023231 | -0.0012 | -0.00694 |
| 5 276.00 | 750.90 | 824.00 | 48.67 | 20.5390 | 0.00019 | 0.040911 | -0.01218 |
| 5 275.00 | 720.80 | 834.10 | 50.29 | 20.1115 | 0.001898 | -0.00733 | 0.012061 |
| 5 265.00 | 726.10 | 824.10 | 48.29 | 20.5170 | -0.00095 | 0.011218 | 0.002187 |
| 5 270.00 | 718.00 | 822.30 | 48.5 | 20.7130 | -0.00737 | 0.01813 | 0.013098 |
| 5 309.00 | 705.10 | 811.60 | 48.69 | 20.7630 | -0.00019 | -0.01114 | -0.01988 |
| 5 310.00 | 713.00 | 827.90 | 49.06 | 20.9675 | -0.0075 | -0.02082 | -0.0208 |
| 5 350.00 | 728.00 | 845.30 | 52.02 | 20.5365 | -0.08334 | -0.00411 | -0.00507 |
| 5 815.00 | 731.00 | 849.60 | 51.83 | 20.3150 | 0.008636 | 0 | 0.011126 |
| 5 765.00 | 731.00 | 840.20 | 51.31 | 20.3020 | -0.00605 | -0.03389 | -0.0057 |
| 5 800.00 | 756.20 | 845.00 | 52.06 | 20.1140 | 0.011619 | 0.029797 | 0.003913 |
| 5 733.00 | 734.00 | 841.70 | 52.195 | 20.0620 | 0.00227 | 0.047429 | 0.00107 |
| 5 720.00 | 700.00 | 840.80 | 52.33 | 20.0960 | 0.003503 | 0.03785 | 0.033008 |
| 5 700.00 | 674.00 | 813.50 | 52.06 | 20.0290 | 0.000175 | -0.00724 | 0.033245 |
| 5 699.00 | 678.90 | 786.90 | 50.62 | 20.1040 | 0.00158 | 0.013196 | -0.0341 |
| 5 690.00 | 670.00 | 814.20 | 50.91 | 19.8485 | -0.00176 | -0.04237 | -0.0116 |
| 5 700.00 | 699.00 | 823.70 | 50.48 | 19.6275 | 0 | 0.055897 | 0.025576 |

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| 5 700.00 | 661.00 | 802.90 | 50.89 | 19.6540 | 0.000878 | 0.060814 | 0.061248 |
| 5 695.00 | 622.00 | 755.20 | 45.92 | 20.4215 | -0.00088 | 0.105003 | 0.007309 |
| 5 700.00 | 560.00 | 749.70 | 46.13 | 20.6570 | -0.02083 | -0.04368 | 0.006155 |
| 5 820.00 | 585.00 | 745.10 | 49.05 | 20.9260 | 0.020834 | -0.02532 | -0.0556 |
| 5 700.00 | 600.00 | 787.70 | 50.81 | 20.6260 | 0.000175 | 0.012579 | -0.02878 |
| 5 699.00 | 592.50 | 810.70 | 51.89 | 20.0475 | -0.00891 | -0.01757 | 0.004574 |
| 5 750.00 | 603.00 | 807.00 | 51.46 | 20.1765 | 0 | 0.075768 | 0.035569 |
| 5 750.00 | 559.00 | 778.80 | 51.32 | 20.1560 | 0.01049 | -0.01544 | 0.018009 |
| 5 690.00 | 567.70 | 764.90 | 51.84 | 19.6935 | -0.00351 | 0.037144 | 0.046701 |
| 5 710.00 | 547.00 | 730.00 | 49.27 | 19.6215 | 0.010563 | -0.02349 | -0.01711 |
| 5 650.00 | 560.00 | 742.60 | 48.03 | 19.6365 | -0.00881 | 0.113129 | 0.050117 |
| 5 700.00 | 500.10 | 706.30 | 45.22 | 19.8080 | 0.000175 | 0.047292 | 0.018577 |
| 5 699.00 | 477.00 | 693.30 | 45.53 | 20.4190 | -0.00018 | -0.02444 | 0.000721 |
| 5 700.00 | 488.80 | 692.80 | 44.12 | 20.5275 | -0.03432 | 0.02906 | 0.000722 |
| 5 899.00 | 474.80 | 692.30 | 44.97 | 20.4280 | 0.016925 | 0.00401 | 0.021905 |
| 5 800.00 | 472.90 | 677.30 | 42.19 | 20.4620 | -0.00155 | -0.01698 | 0.002513 |
| 5 809.00 | 481.00 | 675.60 | 43.2 | 21.0640 | -0.00138 | 0.027399 | 0.023058 |
| 5 817.00 | 468.00 | 660.20 | 44.99 | 21.2435 | 0.002927 | 0.017242 | 0.03045 |
| 5 800.00 | 460.00 | 640.40 | 44.55 | 21.8075 | 0.026202 | -0.09432 | -0.00467 |
| 5 650.00 | 505.50 | 643.40 | 43.48 | 21.8595 | -0.03136 | 0.01094 | 0.005767 |
| 5 830.00 | 500.00 | 639.70 | 44.45 | 22.3030 | 0.022551 | -0.04325 | -0.01042 |
| 5 700.00 | 522.10 | 646.40 | 46.07 | 21.6340 | -0.02169 | 0.035283 | 0.024113 |
| 5 825.00 | 504.00 | 631.00 | 42.72 | 22.2350 | -0.00428 | 0.028171 | -0.00899 |
| 5 850.00 | 490.00 | 636.70 | 42.6 | 22.4630 | 0.012038 | -0.02 | -0.00657 |
| 5 780.00 | 499.90 | 640.90 | 44.41 | 22.1875 | 0.013938 | -0.04096 | -0.00296 |
| 5 700.00 | 520.80 | 642.80 | 45.15 | 22.1470 | -0.03449 | 0.047984 | 0.00109 |
| 5 900.00 | 496.40 | 642.10 | 42.37 | 22.4895 | -0.03334 | 0.039027 | -0.00435 |
| 6 100.00 | 477.40 | 644.90 | 40.18 | 22.1135 | 0.025066 | -0.04204 | -0.00031 |
| 5 949.00 | 497.90 | 645.10 | 41.27 | 22.4200 | 0.037508 | -0.00621 | -0.00479 |
| 5 730.00 | 501.00 | 648.20 | 42.19 | 22.4750 | -0.01128 | -0.0523 | -0.01348 |
| 5 795.00 | 527.90 | 657.00 | 42.36 | 22.8345 | 0.004323 | 0.084758 | 0.044348 |
| 5 770.00 | 485.00 | 628.50 | 39.41 | 23.0800 | 0.012557 | -0.11664 | -0.03594 |
| 5 698.00 | 545.00 | 651.50 | 39.69 | 23.4735 | -0.07145 | -0.1638 | -0.1051 |
| 6 120.00 | 642.00 | 723.70 | 43.36 | 22.2210 | -0.02102 | -0.01069 | -0.00331 |
| 6 250.00 | 648.90 | 726.10 | 47.23 | 22.2895 | 0 | 0.004479 | -0.0195 |
| 6 250.00 | 646.00 | 740.40 | 44.24 | 22.1350 | 0 | -0.00617 | -0.01488 |
| 6 250.00 | 650.00 | 751.50 | 45.88 | 22.2330 | 0.005616 | 0.007722 | -0.01269 |
| 6 215.00 | 645.00 | 761.10 | 47.23 | 21.2890 | 0.032876 | 0.031499 | 0.036528 |
| 6 014.00 | 625.00 | 733.80 | 44.49 | 21.6025 | -0.06999 | -0.0016 | 0.006426 |
| 6 450.00 | 626.00 | 729.10 | 43.92 | 21.8480 | -0.00772 | -0.04528 | -0.02746 |
| 6 500.00 | 655.00 | 749.40 | 43.68 | 22.0810 | 0.010828 | -0.00609 | -0.00426 |
| 6 430.00 | 659.00 | 752.60 | 43.15 | 21.8885 | 0.014254 | 0.029255 | -0.0149 |
| 6 339.00 | 640.00 | 763.90 | 42.96 | 22.0035 | -0.00958 | -0.05028 | -0.01339 |
| 6 400.00 | 673.00 | 774.20 | 44.17 | 21.7970 | 0.017337 | 0.01497 | -0.00862 |
| 6 290.00 | 663.00 | 780.90 | 43.13 | 21.3600 | -0.00159 | 0.035307 | -0.00702 |
| 6 300.00 | 640.00 | 786.40 | 42.86 | 20.8785 | 0.023285 | 0.072907 | 0.022115 |
| 6 155.00 | 595.00 | 769.20 | 42.86 | 20.9845 | 0.050823 | 0.008439 | 0.00039 |
| 5 850.00 | 590.00 | 768.90 | 48 | 21.1295 | 0 | 0.036242 | 0.023555 |

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|----------|--------|--------|-------|---------|----------|----------|----------|
| 5 850.00 | 569.00 | 751.00 | 43.13 | 21.5075 | 0.017242 | -0.04468 | -0.02212 |
| 5 750.00 | 595.00 | 767.80 | 42.42 | 21.5040 | -0.00866 | -0.0092 | -0.02139 |
| 5 800.00 | 600.50 | 784.40 | 39.9 | 21.1090 | 0.001726 | -0.01422 | -0.01832 |
| 5 790.00 | 609.10 | 798.90 | 41.22 | 21.5010 | -0.01014 | -0.01774 | -0.05266 |
| 5 849.00 | 620.00 | 842.10 | 43.42 | 20.7110 | 0.008413 | 0.037802 | 0.012547 |
| 5 800.00 | 597.00 | 831.60 | 42.32 | 20.6575 | 0 | 0.003356 | -0.00862 |
| 5 800.00 | 595.00 | 838.80 | 42.27 | 20.6190 | 0.003454 | -0.05716 | -0.02438 |
| 5 780.00 | 630.00 | 859.50 | 43.05 | 20.1190 | -0.00173 | 0.000794 | -0.01707 |
| 5 790.00 | 629.50 | 874.30 | 40.86 | 20.0450 | -0.00945 | -0.00111 | -0.00274 |
| 5 845.00 | 630.20 | 876.70 | 42.34 | 19.8010 | -0.03464 | -0.00869 | 0.002513 |
| 6 051.00 | 635.70 | 874.50 | 42.94 | 19.1090 | -0.00314 | -0.01375 | -0.00581 |
| 6 070.00 | 644.50 | 879.60 | 46.23 | 19.2805 | -0.01602 | 0.003887 | -0.02814 |
| 6 168.00 | 642.00 | 904.70 | 48.89 | 19.2170 | -0.02987 | -0.01069 | 0.023259 |
| 6 355.00 | 648.90 | 883.90 | 45.84 | 19.3965 | -0.01917 | -0.00154 | 0.015736 |
| 6 478.00 | 649.90 | 870.10 | 42.94 | 19.3930 | 0.05196 | 0.027929 | 0.002877 |
| 6 150.00 | 632.00 | 867.60 | 34.16 | 19.0280 | 0.008163 | 0.014343 | 0.024266 |
| 6 100.00 | 623.00 | 846.80 | 35.27 | 18.8930 | -0.0441 | 0.064132 | 0.015831 |
| 6 375.00 | 584.30 | 833.50 | 40.19 | 18.3805 | -0.0134 | -0.02468 | 0.00036 |
| 6 461.00 | 598.90 | 833.20 | 41.84 | 18.3180 | -0.00062 | -0.00184 | -0.00586 |
| 6 465.00 | 600.00 | 838.10 | 42 | 18.3700 | 0.010105 | 0.032179 | 0.002628 |
| 6 400.00 | 581.00 | 835.90 | 45.02 | 19.0920 | -0.03077 | 0.036814 | 0.015674 |
| 6 600.00 | 560.00 | 822.90 | 42.38 | 19.4920 | 0 | -0.1146 | -0.02957 |
| 6 600.00 | 628.00 | 847.60 | 43.54 | 19.2930 | -0.08409 | -0.0158 | -0.02516 |
| 7 179.00 | 638.00 | 869.20 | 39.34 | 19.7985 | -0.01671 | 0.058081 | 0.024811 |
| 7 300.00 | 602.00 | 847.90 | 39.77 | 19.9655 | 0 | 0.017427 | -0.00962 |
| 7 300.00 | 591.60 | 856.10 | 40.02 | 19.8875 | 0.003018 | 0.055608 | 0.038459 |
| 7 278.00 | 559.60 | 823.80 | 37.04 | 20.3310 | 0.027582 | -0.00783 | -0.02173 |
| 7 080.00 | 564.00 | 841.90 | 43.83 | 20.1235 | -0.00141 | 0.027685 | 0.027699 |
| 7 090.00 | 548.60 | 818.90 | 44.39 | 20.2315 | 0.002825 | 0.012104 | -0.00305 |
| 7 070.00 | 542.00 | 821.40 | 45.64 | 20.3140 | 0.010093 | 0.003697 | -0.02584 |
| 6 999.00 | 540.00 | 842.90 | 47.58 | 20.4025 | -0.00029 | -0.04791 | -0.0238 |
| 7 001.00 | 566.50 | 863.20 | 47.72 | 19.9770 | 0.03651 | -0.00264 | 0.05464 |
| 6 750.00 | 568.00 | 817.30 | 49.39 | 19.4330 | 0.051683 | -0.01051 | 0.000367 |
| 6 410.00 | 574.00 | 817.00 | 47.51 | 19.3050 | -0.01563 | 0.098608 | 0.031078 |
| 6 511.00 | 520.10 | 792.00 | 49.51 | 19.6945 | 0.028193 | 0.015696 | 0.061446 |
| 6 330.00 | 512.00 | 744.80 | 44.91 | 20.4155 | 0.020751 | 0.067877 | 0.015561 |
| 6 200.00 | 478.40 | 733.30 | 45.79 | 20.6045 | 0.014623 | -0.05411 | -0.05814 |
| 6 110.00 | 505.00 | 777.20 | 48.35 | 20.5375 | -0.01816 | 0 | 0.000257 |
| 6 222.00 | 505.00 | 777.00 | 49.1 | 20.4395 | -0.02036 | -0.06812 | -0.04184 |
| 6 350.00 | 540.60 | 810.20 | 50.7 | 19.9625 | 0.001576 | 0.017918 | 0.044031 |
| 6 340.00 | 531.00 | 775.30 | 51.32 | 19.8095 | 0.03859 | -0.03933 | -0.06274 |
| 6 100.00 | 552.30 | 825.50 | 52.47 | 20.4205 | 0.00823 | -0.10231 | -0.04847 |
| 6 050.00 | 611.80 | 866.50 | 54.76 | 20.2480 | 0.003311 | -0.03722 | -0.04192 |
| 6 030.00 | 635.00 | 903.60 | 57.08 | 19.8515 | -0.00661 | 0.109745 | 0.011017 |
| 6 070.00 | 569.00 | 893.70 | 56.84 | 19.6770 | 0.025022 | 0.033962 | 0.030677 |
| 5 920.00 | 550.00 | 866.70 | 56.14 | 19.6125 | 0.038046 | -0.0702 | -0.04214 |
| 5 699.00 | 590.00 | 904.00 | 61.09 | 18.9605 | 0.031913 | 0.009024 | -0.03414 |
| 5 520.00 | 584.70 | 935.40 | 62.78 | 18.4465 | 0.012762 | 0.101056 | 0.037136 |

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|----------|----------|----------|--------|---------|----------|----------|----------|
| 5 450.00 | 528.50 | 901.30 | 60.32 | 19.2285 | 0.027909 | 0.11731 | 0.026305 |
| 5 300.00 | 470.00 | 877.90 | 60 | 18.8840 | 0.011385 | 0.00213 | 0.015381 |
| 5 240.00 | 469.00 | 864.50 | 60.86 | 18.8760 | -0.00191 | 0.082177 | 0.087716 |
| 5 250.00 | 432.00 | 791.90 | 64 | 18.3620 | 0.031933 | 0.071973 | 0.123641 |
| 5 085.00 | 402.00 | 699.80 | 59.34 | 19.8130 | 0.007897 | -0.04022 | -0.07101 |
| 5 045.00 | 418.50 | 751.30 | 60.57 | 19.5805 | -0.04931 | -0.12664 | -0.12519 |
| 5 300.00 | 475.00 | 851.50 | 65.06 | 19.3920 | -0.04609 | -0.03516 | -0.00281 |
| 5 550.00 | 492.00 | 853.90 | 62.95 | 20.4220 | 0.036701 | -0.04082 | -0.03905 |
| 5 350.00 | 512.50 | 887.90 | 65.99 | 19.5930 | 0.00939 | 0.01494 | 0.027055 |
| 5 300.00 | 504.90 | 864.20 | 67.45 | 18.8390 | 0.022902 | -0.08191 | 0.025075 |
| 5 180.00 | 548.00 | 842.80 | 66.05 | 18.5585 | -0.01323 | -0.05278 | -0.10755 |
| 5 249.00 | 577.70 | 938.50 | 64.14 | 18.5335 | -0.00019 | -0.03787 | -0.06227 |
| 5 250.00 | 600.00 | 998.80 | 66.86 | 18.5040 | -0.00948 | -0.10286 | -0.08287 |
| 5 300.00 | 665.00 | 1 085.10 | 74.98 | 18.0470 | -0.09015 | 0.033798 | 0.100345 |
| 5 800.00 | 642.90 | 981.50 | 74.37 | 18.2705 | 0.14842 | -0.01098 | 0.099547 |
| 5 000.00 | 650.00 | 888.50 | 74.58 | 18.5475 | 0.038741 | -0.13265 | -0.16185 |
| 4 810.00 | 742.20 | 1 044.60 | 81.65 | 18.2730 | -0.08753 | 0.035799 | 0.001916 |
| 5 250.00 | 716.10 | 1 042.60 | 80.77 | 18.1040 | 0.022148 | -0.05686 | -0.03949 |
| 5 135.00 | 758.00 | 1 084.60 | 83.17 | 18.1080 | -0.04288 | -0.12392 | -0.01673 |
| 5 360.00 | 858.00 | 1 102.90 | 84.71 | 18.3645 | 0.014091 | 0.010074 | -0.08837 |
| 5 285.00 | 849.40 | 1 204.80 | 88.95 | 18.0265 | -0.03988 | -0.04444 | -0.01557 |
| 5 500.00 | 888.00 | 1 223.70 | 88.88 | 17.9455 | -0.01605 | 0.015548 | -0.00943 |
| 5 589.00 | 874.30 | 1 235.30 | 92.19 | 17.5125 | 0.025552 | 0.041213 | 0.025083 |
| 5 448.00 | 839.00 | 1 204.70 | 93.52 | 17.3670 | 0.018152 | 0.025348 | -0.00066 |
| 5 350.00 | 818.00 | 1 205.50 | 95.96 | 17.1035 | -0.01852 | -0.01155 | -0.05527 |
| 5 450.00 | 827.50 | 1 274.00 | 100.88 | 16.6750 | -0.02715 | -0.03852 | -0.02066 |
| 5 600.00 | 860.00 | 1 300.60 | 100.45 | 16.7100 | 0.027151 | 0.032619 | 0.013547 |
| 5 450.00 | 832.40 | 1 283.10 | 102.09 | 16.7205 | 0.012927 | -0.00551 | 0.004217 |
| 5 380.00 | 837.00 | 1 277.70 | 100.72 | 16.5260 | -0.00741 | -0.07257 | -0.02489 |
| 5 420.00 | 900.00 | 1 309.90 | 100.43 | 16.1850 | 0.003697 | 0.036203 | -0.0048 |
| 5 400.00 | 868.00 | 1 316.20 | 93.46 | 16.5600 | 0.016807 | 0.101783 | 0.110931 |
| 5 310.00 | 784.00 | 1 178.00 | 90.89 | 16.8405 | 0.001885 | -0.05762 | -0.00812 |
| 5 300.00 | 830.50 | 1 187.60 | 86.09 | 16.8785 | 0.003781 | 0.015166 | 0.016984 |
| 5 280.00 | 818.00 | 1 167.60 | 85.85 | 16.8985 | 0.015267 | -0.07488 | -0.05758 |
| 5 200.00 | 881.60 | 1 236.80 | 90.45 | 16.9490 | 0.009662 | -0.04806 | -0.04273 |
| 5 150.00 | 925.00 | 1 290.80 | 94.37 | 16.9410 | -0.0381 | -0.00657 | -0.00108 |
| 5 350.00 | 931.10 | 1 292.20 | 96.01 | 17.5075 | 0.004684 | -0.01143 | -0.0228 |
| 5 325.00 | 941.80 | 1 322.00 | 96 | 17.4945 | 0.004706 | -0.08074 | -0.05045 |
| 5 300.00 | 1 021.00 | 1 390.40 | 98.94 | 17.5645 | -0.01869 | -0.0194 | -0.02661 |
| 5 400.00 | 1 041.00 | 1 427.90 | 101.08 | 17.6255 | 0.014926 | 0.022342 | 0.038115 |
| 5 320.00 | 1 018.00 | 1 374.50 | 102.51 | 17.4205 | -0.00562 | -0.0338 | -0.03916 |
| 5 350.00 | 1 053.00 | 1 429.40 | 103.41 | 17.4825 | -0.0367 | -0.01975 | -0.01576 |
| 5 550.00 | 1 074.00 | 1 452.10 | 103.88 | 17.1360 | -0.00557 | 0.004666 | -0.01307 |
| 5 581.00 | 1 069.00 | 1 471.20 | 104.94 | 17.0390 | 0.00557 | 0.014131 | -0.00475 |
| 5 550.00 | 1 054.00 | 1 478.20 | 113.49 | 16.9050 | 0.000901 | 0.003802 | 0.014995 |
| 5 545.00 | 1 050.00 | 1 456.20 | 113.54 | 16.8200 | 0.0358 | 0.009569 | 0.008413 |
| 5 350.00 | 1 040.00 | 1 444.00 | 113.05 | 16.7640 | 0.00939 | -0.00384 | 0.004442 |
| 5 300.00 | 1 044.00 | 1 437.60 | 112.2 | 16.7740 | 0.033967 | 0.003839 | -0.01038 |

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| 5 123.00 | 1 040.00 | 1 452.60 | 109.74 | 16.5775 | -0.03397 | 0.008692 | -0.00193 |
| 5 300.00 | 1 031.00 | 1 455.40 | 113.99 | 16.5005 | 0 | 0.005837 | 0.010429 |
| 5 300.00 | 1 025.00 | 1 440.30 | 117.24 | 16.3215 | 0.001511 | 0.024693 | 0.000208 |
| 5 292.00 | 1 000.00 | 1 440.00 | 108.72 | 16.5730 | 0.007968 | -0.0139 | 0.00592 |
| 5 250.00 | 1 014.00 | 1 431.50 | 109.02 | 16.4930 | -0.00475 | -0.02532 | -0.00772 |
| 5 275.00 | 1 040.00 | 1 442.60 | 109.33 | 16.5100 | -0.01599 | -0.0331 | -0.00938 |
| 5 360.00 | 1 075.00 | 1 456.20 | 108.8 | 16.7055 | 0.018833 | 0.024483 | 0.005371 |
| 5 260.00 | 1 049.00 | 1 448.40 | 111.82 | 16.5215 | -0.00285 | 0.004778 | 6.9E-05 |
| 5 275.00 | 1 044.00 | 1 448.30 | 110.68 | 16.1365 | 0.006657 | -0.02366 | 0.001244 |
| 5 240.00 | 1 069.00 | 1 446.50 | 108.98 | 15.9385 | -0.01139 | 0.025582 | -0.00751 |
| 5 300.00 | 1 042.00 | 1 457.40 | 110.54 | 16.1945 | 0 | -0.01995 | 0.00268 |
| 5 300.00 | 1 063.00 | 1 453.50 | 113.03 | 16.2325 | -0.01591 | 0.024763 | 0.001997 |
| 5 385.00 | 1 037.00 | 1 450.60 | 116.94 | 15.7895 | 0.034959 | -0.00864 | -0.00619 |
| 5 200.00 | 1 046.00 | 1 459.60 | 114.47 | 15.5535 | -0.03366 | -0.00382 | 0.011923 |
| 5 378.00 | 1 050.00 | 1 442.30 | 116.5 | 15.5115 | 0.033658 | 0.028008 | 0.001596 |
| 5 200.00 | 1 021.00 | 1 440.00 | 121.87 | 15.4050 | -0.00957 | -0.01844 | -0.00464 |
| 5 250.00 | 1 040.00 | 1 446.70 | 124.16 | 15.3420 | 0.015742 | 0.009662 | -0.0172 |
| 5 168.00 | 1 030.00 | 1 471.80 | 124.1 | 15.3530 | 0.023098 | -0.00774 | -0.00149 |
| 5 050.00 | 1 038.00 | 1 474.00 | 122.46 | 15.3090 | 0 | 0.05546 | 0.020632 |
| 5 050.00 | 982.00 | 1 443.90 | 125.77 | 15.2190 | -0.03483 | -0.02116 | -0.0009 |
| 5 229.00 | 1 003.00 | 1 445.20 | 125.67 | 15.0560 | 0.031866 | 0.009114 | 0.007989 |
| 5 065.00 | 993.90 | 1 433.70 | 124.7 | 15.1405 | 0.008924 | -0.02199 | -0.0055 |
| 5 020.00 | 1 016.00 | 1 441.60 | 125.43 | 15.1300 | -0.03215 | 0.000985 | -0.0229 |
| 5 184.00 | 1 015.00 | 1 475.00 | 126.86 | 15.1750 | 0.043365 | 0.055711 | 0.026518 |
| 4 964.00 | 960.00 | 1 436.40 | 127.18 | 14.9110 | 0.033596 | 0.005222 | -0.01025 |
| 4 800.00 | 955.00 | 1 451.20 | 129.34 | 14.4225 | 0.010471 | 0.033865 | 0.018781 |
| 4 750.00 | 923.20 | 1 424.20 | 129.34 | 14.5160 | 0.032306 | 0.013632 | -0.01173 |
| 4 599.00 | 910.70 | 1 441.00 | 134.16 | 14.5675 | 0.010712 | 0.068977 | 0.029866 |
| 4 550.00 | 850.00 | 1 398.60 | 133.31 | 14.6165 | -0.01093 | -0.03922 | -0.00121 |
| 4 600.00 | 884.00 | 1 400.30 | 136.02 | 14.6650 | -0.00109 | -0.072 | -0.02823 |
| 4 605.00 | 950.00 | 1 440.40 | 142.43 | 14.6670 | 0.005444 | -0.02176 | -0.00263 |
| 4 580.00 | 970.90 | 1 444.20 | 143.68 | 14.6865 | 0.031045 | 0.000927 | -0.00297 |
| 4 440.00 | 970.00 | 1 448.50 | 135.81 | 14.8820 | 0.020479 | -0.05026 | -0.00461 |
| 4 350.00 | 1 020.00 | 1 455.20 | 133.91 | 14.8929 | 0.083881 | 0.026928 | 0.022235 |
| 4 000.00 | 992.90 | 1 423.20 | 134.15 | 15.0590 | 0.058954 | 0.002925 | -0.01319 |
| 3 771.00 | 990.00 | 1 442.10 | 139.62 | 14.9260 | -0.08365 | -0.01703 | 0.000486 |
| 4 100.00 | 1 007.00 | 1 441.40 | 143.95 | 15.1330 | -0.06652 | -0.00297 | -0.0206 |
| 4 382.00 | 1 010.00 | 1 471.40 | 141.24 | 15.0145 | -0.00433 | 0.033321 | 0.008806 |
| 4 401.00 | 976.90 | 1 458.50 | 140.67 | 15.0765 | -0.00091 | -0.04513 | -0.017 |
| 4 405.00 | 1 022.00 | 1 483.50 | 138.4 | 15.1770 | -0.02134 | -0.03462 | 0.003714 |
| 4 500.00 | 1 058.00 | 1 478.00 | 139.38 | 15.0980 | 0 | -0.01034 | -0.00122 |
| 4 500.00 | 1 069.00 | 1 479.80 | 136.82 | 15.2725 | -0.01105 | 0.008455 | -0.02034 |
| 4 550.00 | 1 060.00 | 1 510.20 | 131.59 | 15.3825 | -0.01093 | 0 | -0.00231 |
| 4 600.00 | 1 060.00 | 1 513.70 | 135.37 | 15.4790 | 0.001523 | -0.02607 | -0.02486 |
| 4 593.00 | 1 088.00 | 1 551.80 | 134.54 | 15.5135 | -0.03361 | -0.00641 | -0.00469 |
| 4 750.00 | 1 095.00 | 1 559.10 | 134.28 | 15.4770 | -0.04124 | -0.02079 | -0.03405 |
| 4 950.00 | 1 118.00 | 1 613.10 | 131.84 | 15.5435 | -0.06832 | -0.02124 | -0.00655 |
| 5 300.00 | 1 142.00 | 1 623.70 | 129.12 | 15.4700 | 0 | -0.00262 | -0.00608 |

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|----------|----------|----------|--------|---------|----------|----------|----------|
| 5 300.00 | 1 145.00 | 1 633.60 | 131.27 | 15.6025 | -0.00564 | 0.017622 | 0.023223 |
| 5 330.00 | 1 125.00 | 1 596.10 | 133.9 | 15.6600 | -0.03049 | 0.015226 | 0.005466 |
| 5 495.00 | 1 108.00 | 1 587.40 | 134.29 | 15.7275 | -0.00454 | 0.007246 | -0.00916 |
| 5 520.00 | 1 100.00 | 1 602.00 | 132.11 | 15.6305 | 0.00363 | -0.0198 | 0.010416 |
| 5 500.00 | 1 122.00 | 1 585.40 | 134.52 | 15.6850 | 0.03591 | -0.01767 | -0.00535 |
| 5 306.00 | 1 142.00 | 1 593.90 | 135.24 | 15.8330 | -0.00169 | 0.001753 | -0.01519 |
| 5 315.00 | 1 140.00 | 1 618.30 | 134.43 | 15.7255 | -0.03422 | -0.02598 | -0.0088 |
| 5 500.00 | 1 170.00 | 1 632.60 | 132.81 | 15.5820 | 0.010969 | 0 | -0.0132 |
| 5 440.00 | 1 170.00 | 1 654.30 | 122.36 | 15.7765 | -0.00477 | -0.00681 | 0.003694 |
| 5 466.00 | 1 178.00 | 1 648.20 | 121.72 | 15.9700 | -0.00566 | -0.02266 | -0.01302 |
| 5 497.00 | 1 205.00 | 1 669.80 | 126.28 | 16.0640 | -0.02444 | -0.01237 | -0.00912 |
| 5 633.00 | 1 220.00 | 1 685.10 | 128.5 | 16.0230 | -0.00337 | 0.00082 | 5.93E-05 |
| 5 652.00 | 1 219.00 | 1 685.00 | 127.85 | 16.1005 | 0.000177 | 0 | 0.005236 |
| 5 651.00 | 1 219.00 | 1 676.20 | 129.33 | 16.1180 | -0.04481 | -0.00491 | 0.000179 |
| 5 910.00 | 1 225.00 | 1 675.90 | 128.93 | 16.0915 | 0.023108 | 0.020619 | 0.018732 |
| 5 775.00 | 1 200.00 | 1 644.80 | 128.92 | 16.0510 | 0.007648 | -0.0198 | -0.01598 |
| 5 731.00 | 1 224.00 | 1 671.30 | 129.72 | 15.9050 | -0.02652 | 0.012331 | -0.00364 |
| 5 885.00 | 1 209.00 | 1 677.40 | 129.04 | 15.9720 | -0.00407 | 0.001656 | 0.00508 |
| 5 909.00 | 1 207.00 | 1 668.90 | 127.28 | 15.9430 | 0.01346 | -0.02697 | -0.02029 |
| 5 830.00 | 1 240.00 | 1 703.10 | 124.12 | 15.9940 | 0.005159 | 0 | -0.00451 |
| 5 800.00 | 1 240.00 | 1 710.80 | 122.19 | 16.1105 | 0 | 0.008097 | 0.005686 |
| 5 800.00 | 1 230.00 | 1 701.10 | 122.98 | 16.0710 | 0.017567 | -0.00244 | 0.01941 |
| 5 699.00 | 1 233.00 | 1 668.40 | 122.76 | 16.2435 | 0.012892 | 0.002436 | 0.007943 |
| 5 626.00 | 1 230.00 | 1 655.20 | 121.18 | 16.2125 | 0.000356 | 0.013093 | 0.008068 |
| 5 624.00 | 1 214.00 | 1 641.90 | 123.11 | 16.1205 | 0.004277 | -0.02521 | 0.000609 |
| 5 600.00 | 1 245.00 | 1 640.90 | 122.89 | 16.0055 | 0 | 0.021105 | 0.002502 |
| 5 600.00 | 1 219.00 | 1 636.80 | 123.54 | 16.1805 | -0.00641 | -0.03704 | -0.0163 |
| 5 636.00 | 1 265.00 | 1 663.70 | 120.27 | 16.3395 | -0.04544 | 0.011929 | 0.011912 |
| 5 898.00 | 1 250.00 | 1 644.00 | 119.88 | 16.2295 | | | |

BRENT(USD) XR(CZC/USD)

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Phillip Morris

n sum_Xi1
sum_Xi1 sum_Xi1^2
sum_Xi2 sum_Xi1Xi2
sum_Xi3 sum_Xi1Xi3

Matice soustavy
1179 -0.4632624
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Inv_M
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Vienna Insurance Group

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| -0.00293809 | 0.021076 |
| -0.03439738 | 0.027609 |
| 0.038807759 | 0.006609 |
| -0.04123445 | -0.01998 |
| 0.097514182 | -0.03596 |
| -0.01940524 | -0.00922 |
| -0.0544005 | 0.003257 |
| -0.01539281 | 0.004783 |
| -0.03206688 | 0.023614 |
| -0.01215463 | 0.007694 |
| -0.02216104 | -0.03038 |
| -0.04271842 | 0.008483 |
| -0.04149379 | 0.019776 |
| 0.004213489 | 0.008829 |
| 0.012391732 | 0.003283 |
| -0.08449962 | 0.033809 |
| -0.02728836 | 0.027483 |
| 0.039972828 | -0.04152 |

| | |
|-------------|----------|
| 0.005319161 | 0.018079 |
| -0.01423158 | 0.000424 |
| -0.05030694 | 0.027608 |
| 0.075599468 | -0.07605 |
| -0.02051611 | 0.011804 |
| -0.0715102 | 0.009674 |
| 0.032969161 | -0.05175 |
| -0.04716245 | 0.04144 |
| -0.02188337 | 0.039243 |
| 0.020974552 | 0.015001 |
| 0.029343837 | 0.001348 |
| -0.04153269 | 0.001593 |
| -0.11462053 | 0.025007 |
| 0.008168777 | -0.01231 |
| -0.00281974 | -0.01505 |
| -0.09056944 | 0.01491 |
| 0.01083621 | 0.009292 |
| -0.0292811 | -0.00022 |
| -0.01834695 | -0.01407 |
| -0.04884076 | 0.018577 |
| 0.000787269 | 0.004504 |
| -0.03656452 | 0.024424 |
| -0.01432365 | 0.008343 |
| -0.02575612 | 0.015289 |
| -0.05000025 | 0.025373 |
| 0.0042716 | -0.0021 |
| -0.01619469 | -0.00063 |
| 0.013510387 | 0.011701 |
| 0.002883422 | 0.02085 |
| 0.07192743 | -0.02291 |
| 0.027883553 | -0.0168 |
| 0.054256723 | -0.00225 |
| 0.002791673 | -0.00118 |
| -0.05219562 | -0.00298 |
| -0.04242601 | 0.000472 |
| -0.01722913 | -0.03289 |
| 0.000104161 | 0.000743 |
| -0.03016541 | -0.00399 |
| -0.02139868 | -0.00347 |
| -0.01404807 | 0.011699 |
| -0.00874131 | -0.00355 |
| -0.00453472 | 0.020019 |
| -0.01015237 | 0.005677 |
| -0.07832597 | 0.007895 |
| -0.00044047 | 0.005041 |
| 0.004324999 | 0.003335 |
| 0.007547206 | -0.0006 |
| 0.022169061 | 0.011784 |

| | |
|-------------|----------|
| -0.03799679 | 0.004656 |
| -0.02811239 | 0.010907 |
| 0.075447346 | -0.01529 |
| -0.00275558 | 0.004839 |
| -0.00283948 | -0.00103 |
| 0.004859497 | -0.01177 |
| -0.0273791 | 0.011075 |
| 0.010247281 | 0.023579 |
| 0.015478776 | 0.012346 |
| -0.01421307 | -0.01593 |
| -0.02227582 | -0.00234 |
| -0.03400771 | 0.02767 |
| 0.021348203 | 0.015059 |
| -0.01757849 | 0.002704 |
| -0.04506363 | 0.00689 |
| -0.01861615 | 0.004098 |
| 0.000483364 | -0.00072 |
| 0.013303246 | 0.00287 |
| -0.0266704 | 0.005896 |
| 0.000795418 | 0.010768 |
| 0.007748571 | -0.0056 |
| -0.00583698 | 0.000694 |
| -0.01133628 | -0.00297 |
| -0.00251929 | 0.01755 |
| -0.01684119 | 0.03331 |
| 0 | -0.00646 |
| -0.03658852 | -0.00354 |
| 0.006355874 | -0.00336 |
| -0.02012469 | -0.00331 |
| -0.04604872 | -0.00014 |
| -0.00873795 | -0.00133 |
| 0.056331754 | -0.01322 |
| 0.014088918 | -0.00073 |
| -0.00179064 | -0.01109 |
| -0.03996587 | 0.008871 |
| -0.03054157 | -0.01377 |
| 0.019005446 | 0.007861 |
| 0.004043849 | -0.00412 |
| 0.016268679 | -0.00664 |
| -0.00705597 | 0.005219 |
| 0.018537823 | -0.01149 |
| 0.038975165 | -0.00718 |
| -0.02832074 | -0.00625 |
| 0.006150218 | -0.00223 |
| 0.00193438 | 0.002356 |
| 0.018338106 | -0.00429 |
| 0.020846862 | 0.00474 |
| -0.01651407 | -0.00853 |

| | |
|-------------|----------|
| -0.01983698 | -0.00368 |
| -0.00290839 | -0.0043 |
| 0.016366732 | 0.006187 |
| -0.01807798 | -0.00348 |
| -0.00533809 | -0.00939 |
| 0.00600736 | 0.006813 |
| 0.012124082 | 0.009167 |
| 0.081952016 | -0.01241 |
| 0.005244194 | -0.01219 |
| -0.03677834 | -0.00587 |
| -0.01742724 | 0.002556 |
| 0.005071203 | -0.00483 |
| -0.01150958 | -0.00109 |
| 0.003097656 | 0.001645 |
| 7.75645E-05 | 0.00252 |
| -0.00618622 | 0.009138 |
| 0.005255848 | -0.0042 |
| 0.01373305 | 0.001817 |
| 0.025140544 | -0.00319 |
| 0.015671629 | -0.00726 |
| -0.00644453 | 0.002455 |
| 0.001790511 | -0.01068 |
| 0.012954186 | 0.00191 |
| -0.01580122 | 0.005691 |
| 0.001788618 | 0.007159 |
| -0.00527534 | -0.01087 |
| 0.026825775 | -0.00978 |
| 0.003247973 | 0.006755 |

| | | |
|------------|------------|-----------|
| sum_Xi2 | sum_Xi3 | VPS |
| sum_Xi1Xi2 | sum_Xi1Xi3 | sum_Yi |
| sum_Xi2^2 | sum_Xi2Xi3 | sum_YiXi1 |
| sum_Xi2Xi3 | sum_Xi3^2 | sum_YiXi2 |
| | | sum_YiXi3 |

| | | |
|------------|------------|----------|
| -0.0984516 | 0.18862246 | VPS |
| 0.2105227 | -0.0765781 | 0.667734 |
| 0.72699062 | -0.1099925 | 0.023274 |
| -0.1099925 | 0.14125458 | 0.009254 |
| | | -0.01221 |

| | | | |
|------------|------------|-------|----------|
| -0.0002725 | -0.0008651 | alfa | 0.000595 |
| -0.6598671 | 1.00531202 | beta1 | 0.047479 |
| 1.71450379 | 0.97768524 | beta2 | -0.01161 |
| 0.97768524 | 8.38688626 | beta3 | -0.07053 |

| | | | |
|----------|----------|----------|----------|
| fce | | | |
| beta3 | beta2 | beta1 | alfa |
| -0.07053 | -0.01161 | 0.047479 | 0.000595 |
| 0.053313 | 0.024105 | 0.030828 | 0.000536 |
| 0.004694 | 0.018409 | ##### | ##### |
| 1.84714 | 1175 | ##### | ##### |
| 0.001878 | 0.398207 | ##### | ##### |

| | |
|-----|----------|
| VPS | |
| | -0.20432 |
| | 0.358295 |
| | 0.195417 |
| | -0.06653 |

| | |
|-------|----------|
| alfa | 0.000148 |
| beta1 | 0.808774 |
| beta2 | 0.033625 |
| beta3 | -0.00656 |

| | | | |
|----------|----------|----------|----------|
| fce | | | |
| beta3 | beta2 | beta1 | alfa |
| -0.00656 | 0.033625 | 0.808774 | 0.000148 |
| 0.059601 | 0.026948 | 0.034464 | 0.0006 |
| 0.373523 | 0.02058 | ##### | ##### |
| 233.5222 | 1175 | ##### | ##### |
| 0.296721 | 0.497665 | ##### | ##### |

| CP | α_1 | α_2 | λ | α_3 | | |
|----|-----------------|-----------------|------------------|-------------------|----------|------|
| 5 | 0.4 | 1.85 | 0.25 | 3% | beta_f1 | 1.2 |
| 5 | -0.5 | 0.75 | 0.4 | 2% | beta_f2 | 0.8 |
| 5 | 0.67 | -0.25 | 0.35 | 0.50% | sigma_f1 | 0.24 |
| | | | | | sigma_f2 | 0.14 |
| | $\beta_1 = 1.2$ | $\beta_2 = 0.8$ | $\alpha_1 = 0.4$ | $\alpha_2 = 0.14$ | | |

| beta_i | | var_i | | Sigma_i |
|--------|-------|-------|----------|------------|
| 1 | 1.96 | 1 | 0.077197 | 1 0.277843 |
| 2 | 0 | 2 | 0.025825 | 2 0.160702 |
| 3 | 0.604 | 3 | 0.027107 | 3 0.164641 |

| bp1 | bp2 |
|--------|-------|
| 0.1345 | 0.675 |

| | |
|----------------|----------|
| Faktor_var_p | 0.009972 |
| Nefaktor_var_p | 0.000123 |
| Var_p | 0.010096 |
| Sigma_p | 0.100477 |

$$r_1 = 4\%, r_2 = 6\%, r_3 = 9\%, r_f = 5\%$$

$$\lambda_1 = 65\%, \lambda_2 = 35\%$$

$$b_{x1} = 0,08, b_{y1} = 0,75, b_{x2} = 0,40, b_{y2} = 0,65, b_{x3} = 1,48, b_{y3} = 0,51$$

$$\alpha_x = 6\%$$

$$\alpha_y = 9\%$$

$$\sigma_{r1} = 10\%, \sigma_{r2} = 9\%, \sigma_{r3} = 12\%, \sigma_{\alpha_x} = 14\%, \sigma_{\alpha_y} = 25\%$$

$$e_x = 25\%$$

$$e_y = 18\%$$

$$b_1 = 20,$$

$$b_2 = 56,$$

$$b_3 = 1.58$$

bx
by
sigma_F
beta_F

ri
x
y

var_i
x
y

sigma_i
x
y

| F1 | F2 | F3 | | X | Y | |
|--------|--------|--------|------|----------|-------|--------|
| | 0.04 | 0.065 | 0.09 | alfa | 0.65 | 0.35 |
| | 0.08 | 0.4 | 1.48 | sigm_eps | 0.06 | 0.09 |
| | 0.75 | 0.65 | 0.59 | eps | 0.14 | 0.25 |
| | 0.1 | 0.095 | 0.12 | | 0.025 | 0.0185 |
| | 1.2 | 0.56 | 1.58 | | | |
| bp1 | bp2 | bp3 | | | | |
| 0.3145 | 0.4875 | 1.1685 | | | | |

24.74%
 23.39%
 Rp
 0.242658

Fakt_var_P 0.022796
 Nefakt_var 0.015937
 0.05265
 0.076951
 Var_p 0.038733
 Sigma_p 0.196807
 0.229455
 0.2774