## vorticities
| Unnamed: 0 | Unnamed: 1 | Time (ms) and Vorticity (1/s) | Unnamed: 3 | Unnamed: 4 | Unnamed: 5 | Unnamed: 6 | Unnamed: 7 | Unnamed: 8 | Unnamed: 9 | Unnamed: 10 | Unnamed: 11 | Unnamed: 12 | Unnamed: 13 | Unnamed: 14 | Unnamed: 15 | Unnamed: 16 | Unnamed: 17 | Unnamed: 18 | Unnamed: 19 | Unnamed: 20 | Unnamed: 21 | Unnamed: 22 | Unnamed: 23 | Unnamed: 24 | Unnamed: 25 | Unnamed: 26 | Unnamed: 27 | Unnamed: 28 | Unnamed: 29 | Unnamed: 30 | Unnamed: 31 | Unnamed: 32 | Unnamed: 33 | Unnamed: 34 | Unnamed: 35 | Unnamed: 36 | Unnamed: 37 | Unnamed: 38 | Unnamed: 39 | Unnamed: 40 | Unnamed: 41 | Unnamed: 42 | Unnamed: 43 | Unnamed: 44 | Unnamed: 45 | Unnamed: 46 | Unnamed: 47 | Unnamed: 48 | Unnamed: 49 | Unnamed: 50 | Unnamed: 51 | Unnamed: 52 | Unnamed: 53 | Unnamed: 54 | Unnamed: 55 | Unnamed: 56 | Unnamed: 57 | Unnamed: 58 | Unnamed: 59 | Unnamed: 60 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| x coord (m) | y coord (m) | 16.666667 | 33.333333 | 50.000000 | 66.666667 | 83.333333 | 100.000000 | 116.666667 | 133.333333 | 150.000000 | 166.666667 | 183.333333 | 200.000000 | 216.666667 | 233.333333 | 250.000000 | 266.666667 | 283.333333 | 300.000000 | 316.666667 | 333.333333 | 350.000000 | 366.666667 | 383.333333 | 400.000000 | 416.666667 | 433.333333 | 450.000000 | 466.666667 | 483.333333 | 500.000000 | 516.666667 | 533.333333 | 550.000000 | 566.666667 | 583.333333 | 600.000000 | 616.666667 | 633.333333 | 650.000000 | 666.666667 | 683.333333 | 700.000000 | 716.666667 | 733.333333 | 750.000000 | 766.666667 | 783.333333 | 800.000000 | 816.666667 | 833.333333 | 850.000000 | 866.666667 | 883.333333 | 900.000000 | 916.666667 | 933.333333 | 950.000000 | 966.666667 | 983.333333 |
| 0.062945 | 0.005474 | -2.657925 | -0.113096 | -2.240859 | 1.575489 | 1.575489 | 4.998779 | 4.998779 | -7.342235 | -7.342235 | -2.696598 | -2.696598 | -4.469471 | -4.469471 | -1.745359 | -1.745359 | 5.972741 | 0.557380 | 0.557380 | 0.557380 | 0.557380 | 0.557380 | 0.557380 | 0.557380 | 0.557380 | 0.557380 | 0.557380 | 0.557380 | 0.557380 | 0.557380 | -0.789755 | -0.789755 | -0.284931 | -0.284931 | -1.333134 | -1.333134 | 0.833384 | 0.833384 | 4.767376 | 4.767376 | 3.723646 | 3.723646 | 13.517537 | 13.517537 | -0.522326 | -0.522326 | -2.456547 | -2.456547 | 0.750488 | 0.750488 | 1.601608 | 1.601608 | -2.024731 | -2.024731 | -3.476325 | -3.476325 | -0.004838 | -0.004838 | -0.203161 | -0.203161 |
| 0.062949 | 0.007028 | -1.777339 | -1.905917 | 1.803673 | 1.534283 | 1.534283 | 1.465971 | 1.465971 | -2.908619 | -2.908619 | -4.627393 | -4.627393 | -4.911032 | -4.911032 | 5.050326 | 5.050326 | 3.938958 | -2.222959 | -2.222959 | -2.222959 | -2.222959 | -2.222959 | -2.222959 | -2.222959 | -2.222959 | -2.222959 | -2.222959 | -2.222959 | -2.222959 | -2.222959 | 1.979553 | 1.979553 | 1.232917 | 1.232917 | 1.425493 | 1.425493 | 0.061473 | 0.061473 | 4.737237 | 4.737237 | 1.933199 | 1.933199 | 3.971065 | 3.971065 | 2.742454 | 2.742454 | -1.441082 | -1.441082 | -3.861319 | -3.861319 | 2.703382 | 2.703382 | 5.370401 | 5.370401 | 6.690942 | 6.690942 | 3.845574 | 3.845574 | 1.561502 | 1.561502 |
| 0.062953 | 0.008581 | -0.785724 | -1.406136 | 1.179874 | 0.104099 | 0.104099 | -0.533939 | -0.533939 | -2.588682 | -2.588682 | -2.417955 | -2.417955 | -0.876770 | -0.876770 | 7.693410 | 7.693410 | -0.343564 | -0.092538 | -0.092538 | -0.092538 | -0.092538 | -0.092538 | -0.092538 | -0.092538 | -0.092538 | -0.092538 | -0.092538 | -0.092538 | -0.092538 | -0.092538 | 2.762126 | 2.762126 | 0.506576 | 0.506576 | 4.381632 | 4.381632 | 0.332485 | 0.332485 | 0.786247 | 0.786247 | 1.176494 | 1.176494 | 2.607338 | 2.607338 | 3.066545 | 3.066545 | -1.474408 | -1.474408 | -1.436988 | -1.436988 | 1.698134 | 1.698134 | 0.438527 | 0.438527 | 3.656488 | 3.656488 | 3.503786 | 3.503786 | 4.258980 | 4.258980 |
| 0.062958 | 0.010135 | 1.200125 | 0.096303 | 1.542854 | 0.506425 | 0.506425 | -0.541610 | -0.541610 | -2.556100 | -2.556100 | -1.245710 | -1.245710 | 6.666608 | 6.666608 | 9.753334 | 9.753334 | -1.790775 | 3.677077 | 3.677077 | 3.677077 | 3.677077 | 3.677077 | 3.677077 | 3.677077 | 3.677077 | 3.677077 | 3.677077 | 3.677077 | 3.677077 | 3.677077 | -0.236822 | -0.236822 | 0.451043 | 0.451043 | 3.551160 | 3.551160 | 1.603625 | 1.603625 | -0.579249 | -0.579249 | 0.099762 | 0.099762 | 0.738982 | 0.738982 | -5.592234 | -5.592234 | -1.672808 | -1.672808 | 0.421520 | 0.421520 | 1.664939 | 1.664939 | -5.502300 | -5.502300 | 4.726832 | 4.726832 | 1.538479 | 1.538479 | 4.785925 | 4.785925 |
| 0.062962 | 0.011688 | 1.143837 | 2.153626 | 2.203851 | 1.347285 | 1.347285 | -0.208931 | -0.208931 | -0.065488 | -0.065488 | -0.043017 | -0.043017 | 8.368113 | 8.368113 | 2.685969 | 2.685969 | -0.001839 | -1.650865 | -1.650865 | -1.650865 | -1.650865 | -1.650865 | -1.650865 | -1.650865 | -1.650865 | -1.650865 | -1.650865 | -1.650865 | -1.650865 | -1.650865 | -0.313274 | -0.313274 | -2.651963 | -2.651963 | 2.094855 | 2.094855 | -1.341593 | -1.341593 | -0.626299 | -0.626299 | -0.128495 | -0.128495 | 0.870278 | 0.870278 | -5.715597 | -5.715597 | -1.529296 | -1.529296 | 1.942195 | 1.942195 | 2.016674 | 2.016674 | 5.590167 | 5.590167 | 3.495516 | 3.495516 | 0.303191 | 0.303191 | 1.726099 | 1.726099 |
| 0.062966 | 0.013242 | 3.402727 | 4.119905 | 1.968564 | 0.200611 | 0.200611 | -0.608254 | -0.608254 | 0.476494 | 0.476494 | 5.750934 | 5.750934 | 1.881286 | 1.881286 | 1.026155 | 1.026155 | 0.089418 | -1.543953 | -1.543953 | -1.543953 | -1.543953 | -1.543953 | -1.543953 | -1.543953 | -1.543953 | -1.543953 | -1.543953 | -1.543953 | -1.543953 | -1.543953 | -2.492780 | -2.492780 | -1.693962 | -1.693962 | 0.919687 | 0.919687 | 0.777450 | 0.777450 | -0.425778 | -0.425778 | -0.231393 | -0.231393 | -1.433298 | -1.433298 | 0.822836 | 0.822836 | -1.749191 | -1.749191 | 0.136761 | 0.136761 | 5.566437 | 5.566437 | -0.921261 | -0.921261 | 1.772183 | 1.772183 | -0.919932 | -0.919932 | -0.867994 | -0.867994 |
| 0.06297 | 0.014795 | 4.103158 | 3.326441 | 0.968525 | -0.939574 | -0.939574 | -0.979359 | -0.979359 | 1.641452 | 1.641452 | 10.134353 | 10.134353 | -2.092686 | -2.092686 | 2.719974 | 2.719974 | -0.116480 | -2.531894 | -2.531894 | -2.531894 | -2.531894 | -2.531894 | -2.531894 | -2.531894 | -2.531894 | -2.531894 | -2.531894 | -2.531894 | -2.531894 | -2.531894 | -2.377918 | -2.377918 | 3.227716 | 3.227716 | 2.442899 | 2.442899 | 1.269196 | 1.269196 | 0.306785 | 0.306785 | -0.856611 | -0.856611 | 0.301606 | 0.301606 | 1.413167 | 1.413167 | 1.573035 | 1.573035 | 3.595266 | 3.595266 | 5.729468 | 5.729468 | 2.000565 | 2.000565 | 0.265017 | 0.265017 | 2.106602 | 2.106602 | 2.874086 | 2.874086 |
| 0.062974 | 0.016349 | 2.638774 | 0.120736 | -0.486924 | -0.160273 | -0.160273 | -1.895174 | -1.895174 | 3.496138 | 3.496138 | 6.464536 | 6.464536 | 0.653013 | 0.653013 | 1.330617 | 1.330617 | 0.344320 | -4.191165 | -4.191165 | -4.191165 | -4.191165 | -4.191165 | -4.191165 | -4.191165 | -4.191165 | -4.191165 | -4.191165 | -4.191165 | -4.191165 | -4.191165 | 3.810046 | 3.810046 | 0.095956 | 0.095956 | 0.375193 | 0.375193 | 1.066704 | 1.066704 | 0.797963 | 0.797963 | -2.938996 | -2.938996 | 4.578052 | 4.578052 | -2.721843 | -2.721843 | 0.774334 | 0.774334 | 2.813108 | 2.813108 | 1.663792 | 1.663792 | 0.297954 | 0.297954 | 1.444733 | 1.444733 | 5.536384 | 5.536384 | 4.539419 | 4.539419 |
| 0.062979 | 0.017902 | -1.026044 | -1.117155 | -2.891553 | 1.914900 | 1.914900 | 1.037644 | 1.037644 | 1.080706 | 1.080706 | 2.489317 | 2.489317 | 2.322398 | 2.322398 | -3.178745 | -3.178745 | 1.858778 | -6.595256 | -6.595256 | -6.595256 | -6.595256 | -6.595256 | -6.595256 | -6.595256 | -6.595256 | -6.595256 | -6.595256 | -6.595256 | -6.595256 | -6.595256 | 1.260531 | 1.260531 | -0.242654 | -0.242654 | 0.552814 | 0.552814 | 1.080790 | 1.080790 | -0.451607 | -0.451607 | 0.476043 | 0.476043 | 2.704949 | 2.704949 | -0.724413 | -0.724413 | 0.530173 | 0.530173 | 3.332157 | 3.332157 | 1.842221 | 1.842221 | -1.968600 | -1.968600 | 3.326007 | 3.326007 | 2.696923 | 2.696923 | -1.444790 | -1.444790 |
| 0.062983 | 0.019456 | -1.567840 | 1.063466 | 0.720510 | -1.251984 | -1.251984 | 1.659288 | 1.659288 | -0.869805 | -0.869805 | 0.013786 | 0.013786 | -1.607687 | -1.607687 | -2.526199 | -2.526199 | -0.375245 | 0.685583 | 0.685583 | 0.685583 | 0.685583 | 0.685583 | 0.685583 | 0.685583 | 0.685583 | 0.685583 | 0.685583 | 0.685583 | 0.685583 | 0.685583 | 6.155986 | 6.155986 | 0.143085 | 0.143085 | -0.819117 | -0.819117 | 0.285683 | 0.285683 | -2.394830 | -2.394830 | 2.055040 | 2.055040 | 0.918416 | 0.918416 | 4.568886 | 4.568886 | 7.658511 | 7.658511 | 5.490696 | 5.490696 | 3.678625 | 3.678625 | -2.218843 | -2.218843 | 3.607548 | 3.607548 | 2.641565 | 2.641565 | -0.023027 | -0.023027 |
| 0.062987 | 0.021009 | 0.113146 | 0.770529 | 1.622508 | 0.198371 | 0.198371 | 1.351807 | 1.351807 | 0.352820 | 0.352820 | -2.675034 | -2.675034 | -2.226481 | -2.226481 | -1.586383 | -1.586383 | -3.616024 | 3.351782 | 3.351782 | 3.351782 | 3.351782 | 3.351782 | 3.351782 | 3.351782 | 3.351782 | 3.351782 | 3.351782 | 3.351782 | 3.351782 | 3.351782 | 1.779467 | 1.779467 | 1.436199 | 1.436199 | -2.850766 | -2.850766 | 0.374753 | 0.374753 | -2.757384 | -2.757384 | 3.961501 | 3.961501 | -1.992494 | -1.992494 | 5.774252 | 5.774252 | 8.540967 | 8.540967 | 0.964329 | 0.964329 | -0.679546 | -0.679546 | 0.934910 | 0.934910 | 3.099189 | 3.099189 | -0.028560 | -0.028560 | -0.784118 | -0.784118 |
| 0.062991 | 0.022562 | -1.370278 | -2.693898 | -1.423251 | -0.496359 | -0.496359 | 2.429053 | 2.429053 | 0.186786 | 0.186786 | 0.354599 | 0.354599 | -2.488271 | -2.488271 | -3.733785 | -3.733785 | -2.200495 | 2.064966 | 2.064966 | 2.064966 | 2.064966 | 2.064966 | 2.064966 | 2.064966 | 2.064966 | 2.064966 | 2.064966 | 2.064966 | 2.064966 | 2.064966 | 0.297780 | 0.297780 | 1.169855 | 1.169855 | -0.973244 | -0.973244 | -0.220499 | -0.220499 | -3.038447 | -3.038447 | 2.696953 | 2.696953 | -1.838510 | -1.838510 | 5.731060 | 5.731060 | -7.293277 | -7.293277 | -3.682436 | -3.682436 | -2.804501 | -2.804501 | 1.266467 | 1.266467 | -1.188797 | -1.188797 | -1.779132 | -1.779132 | 1.078275 | 1.078275 |
| 0.062996 | 0.024116 | -0.802039 | -1.313037 | -2.601662 | 1.153309 | 1.153309 | 1.863410 | 1.863410 | -0.592370 | -0.592370 | -1.113021 | -1.113021 | -2.041371 | -2.041371 | -1.908368 | -1.908368 | 0.601863 | 1.001772 | 1.001772 | 1.001772 | 1.001772 | 1.001772 | 1.001772 | 1.001772 | 1.001772 | 1.001772 | 1.001772 | 1.001772 | 1.001772 | 1.001772 | 0.147478 | 0.147478 | 0.036167 | 0.036167 | -0.849634 | -0.849634 | -2.226041 | -2.226041 | 0.182964 | 0.182964 | 0.320575 | 0.320575 | 0.110239 | 0.110239 | -3.176430 | -3.176430 | -4.574035 | -4.574035 | 6.069101 | 6.069101 | 0.581936 | 0.581936 | 0.341487 | 0.341487 | -1.907125 | -1.907125 | -0.226433 | -0.226433 | 1.931960 | 1.931960 |
| 0.063 | 0.025669 | -3.767746 | -0.042007 | -3.966521 | 2.034937 | 2.034937 | 0.820559 | 0.820559 | -1.575583 | -1.575583 | -3.869792 | -3.869792 | -0.782319 | -0.782319 | -0.776914 | -0.776914 | 2.007161 | -0.357222 | -0.357222 | -0.357222 | -0.357222 | -0.357222 | -0.357222 | -0.357222 | -0.357222 | -0.357222 | -0.357222 | -0.357222 | -0.357222 | -0.357222 | 0.232667 | 0.232667 | 1.559381 | 1.559381 | 0.015886 | 0.015886 | -3.371075 | -3.371075 | 1.185666 | 1.185666 | 0.206353 | 0.206353 | 3.014052 | 3.014052 | -3.810635 | -3.810635 | 0.324440 | 0.324440 | 4.672314 | 4.672314 | 1.400276 | 1.400276 | -0.462587 | -0.462587 | -1.807293 | -1.807293 | -0.345729 | -0.345729 | 3.343319 | 3.343319 |
| 0.063004 | 0.027223 | -3.233645 | 0.166723 | -1.057446 | 0.705863 | 0.705863 | -0.585782 | -0.585782 | -2.149310 | -2.149310 | -3.230855 | -3.230855 | -0.335828 | -0.335828 | -0.323973 | -0.323973 | -2.449658 | -1.500871 | -1.500871 | -1.500871 | -1.500871 | -1.500871 | -1.500871 | -1.500871 | -1.500871 | -1.500871 | -1.500871 | -1.500871 | -1.500871 | -1.500871 | -1.810821 | -1.810821 | 1.984398 | 1.984398 | -0.300567 | -0.300567 | -2.771553 | -2.771553 | 1.016229 | 1.016229 | 2.420344 | 2.420344 | 3.205719 | 3.205719 | 3.040409 | 3.040409 | 2.764999 | 2.764999 | 2.234172 | 2.234172 | 4.707803 | 4.707803 | 3.484424 | 3.484424 | 8.567851 | 8.567851 | -0.178894 | -0.178894 | 2.534273 | 2.534273 |
| 0.063008 | 0.028776 | -0.127201 | 1.396943 | 1.576430 | -1.498838 | -1.498838 | -1.560639 | -1.560639 | -2.322525 | -2.322525 | -1.671979 | -1.671979 | 0.053745 | 0.053745 | -2.485746 | -2.485746 | 1.819870 | -1.737250 | -1.737250 | -1.737250 | -1.737250 | -1.737250 | -1.737250 | -1.737250 | -1.737250 | -1.737250 | -1.737250 | -1.737250 | -1.737250 | -1.737250 | -2.797591 | -2.797591 | 0.670868 | 0.670868 | -0.766391 | -0.766391 | -1.794761 | -1.794761 | 1.156282 | 1.156282 | 2.295087 | 2.295087 | 0.124689 | 0.124689 | 2.683230 | 2.683230 | 6.073630 | 6.073630 | 1.266362 | 1.266362 | 3.935853 | 3.935853 | 3.103071 | 3.103071 | 6.659591 | 6.659591 | -0.645255 | -0.645255 | 0.006626 | 0.006626 |
| 0.063013 | 0.03033 | 1.910175 | 2.463143 | 0.643797 | -2.888095 | -2.888095 | -2.153117 | -2.153117 | -1.649320 | -1.649320 | -0.660771 | -0.660771 | -0.484620 | -0.484620 | 1.441675 | 1.441675 | 7.367705 | -1.561117 | -1.561117 | -1.561117 | -1.561117 | -1.561117 | -1.561117 | -1.561117 | -1.561117 | -1.561117 | -1.561117 | -1.561117 | -1.561117 | -1.561117 | -1.069729 | -1.069729 | -0.450764 | -0.450764 | -1.348057 | -1.348057 | -1.099409 | -1.099409 | 2.031256 | 2.031256 | -0.072668 | -0.072668 | -0.002872 | -0.002872 | 0.474368 | 0.474368 | 1.813870 | 1.813870 | 1.754582 | 1.754582 | 3.852759 | 3.852759 | 2.969580 | 2.969580 | 1.043552 | 1.043552 | 0.691715 | 0.691715 | -0.234600 | -0.234600 |
| 0.063017 | 0.031883 | 1.441132 | 1.300917 | -1.428046 | -2.535915 | -2.535915 | -1.556974 | -1.556974 | -0.804254 | -0.804254 | -1.143285 | -1.143285 | -0.513841 | -0.513841 | 6.107490 | 6.107490 | 6.167636 | -0.138219 | -0.138219 | -0.138219 | -0.138219 | -0.138219 | -0.138219 | -0.138219 | -0.138219 | -0.138219 | -0.138219 | -0.138219 | -0.138219 | -0.138219 | 0.356437 | 0.356437 | 1.692272 | 1.692272 | -1.762257 | -1.762257 | -0.372554 | -0.372554 | 1.396874 | 1.396874 | -0.204796 | -0.204796 | 2.270641 | 2.270641 | -0.678553 | -0.678553 | 2.602164 | 2.602164 | 3.718000 | 3.718000 | 2.819136 | 2.819136 | 2.785182 | 2.785182 | -0.531675 | -0.531675 | 1.011398 | 1.011398 | -1.496922 | -1.496922 |
| 0.063021 | 0.033437 | -0.200228 | 0.244323 | -2.615473 | -0.782825 | -0.782825 | -0.689174 | -0.689174 | 0.093719 | 0.093719 | -1.177371 | -1.177371 | -0.216155 | -0.216155 | 3.424244 | 3.424244 | 3.260469 | 1.676690 | 1.676690 | 1.676690 | 1.676690 | 1.676690 | 1.676690 | 1.676690 | 1.676690 | 1.676690 | 1.676690 | 1.676690 | 1.676690 | 1.676690 | 0.216958 | 0.216958 | 2.876217 | 2.876217 | -0.486363 | -0.486363 | -2.101433 | -2.101433 | 0.583476 | 0.583476 | 1.250178 | 1.250178 | 2.309063 | 2.309063 | 0.627310 | 0.627310 | 3.401625 | 3.401625 | 2.666600 | 2.666600 | 3.576950 | 3.576950 | 2.306705 | 2.306705 | 2.108892 | 2.108892 | 1.952303 | 1.952303 | -2.775808 | -2.775808 |
| 0.063025 | 0.03499 | -1.138186 | -0.437449 | -1.202071 | 1.240371 | 1.240371 | 0.437309 | 0.437309 | -0.663783 | -0.663783 | -0.033604 | -0.033604 | 0.629781 | 0.629781 | 1.815166 | 1.815166 | 2.605360 | 1.018259 | 1.018259 | 1.018259 | 1.018259 | 1.018259 | 1.018259 | 1.018259 | 1.018259 | 1.018259 | 1.018259 | 1.018259 | 1.018259 | 1.018259 | -0.014656 | -0.014656 | 2.429788 | 2.429788 | 1.409065 | 1.409065 | -3.385968 | -3.385968 | -0.737554 | -0.737554 | 2.343365 | 2.343365 | 1.792993 | 1.792993 | -0.556497 | -0.556497 | -0.350436 | -0.350436 | 3.218664 | 3.218664 | 2.616862 | 2.616862 | 0.764329 | 0.764329 | 1.624471 | 1.624471 | 1.182577 | 1.182577 | -1.215860 | -1.215860 |
| 0.06303 | 0.036544 | 1.252900 | 0.186720 | 2.125837 | 2.223804 | 2.223804 | 0.101652 | 0.101652 | -0.224597 | -0.224597 | 1.586761 | 1.586761 | 1.712660 | 1.712660 | 2.388573 | 2.388573 | 1.664920 | -0.867487 | -0.867487 | -0.867487 | -0.867487 | -0.867487 | -0.867487 | -0.867487 | -0.867487 | -0.867487 | -0.867487 | -0.867487 | -0.867487 | -0.867487 | 0.660060 | 0.660060 | 0.967145 | 0.967145 | 1.883808 | 1.883808 | -2.421922 | -2.421922 | -0.900940 | -0.900940 | 2.760887 | 2.760887 | 0.150078 | 0.150078 | 0.756664 | 0.756664 | -0.961521 | -0.961521 | 3.414888 | 3.414888 | 0.071274 | 0.071274 | -1.484141 | -1.484141 | -1.835814 | -1.835814 | -0.591661 | -0.591661 | 0.611749 | 0.611749 |
| 0.063034 | 0.038097 | 2.516875 | 1.823809 | 3.577150 | -0.117547 | -0.117547 | 0.996493 | 0.996493 | 0.422522 | 0.422522 | 1.014134 | 1.014134 | 2.311363 | 2.311363 | 1.776885 | 1.776885 | -0.765205 | -0.379271 | -0.379271 | -0.379271 | -0.379271 | -0.379271 | -0.379271 | -0.379271 | -0.379271 | -0.379271 | -0.379271 | -0.379271 | -0.379271 | -0.379271 | 1.667449 | 1.667449 | -0.914346 | -0.914346 | 0.619210 | 0.619210 | -0.751344 | -0.751344 | -0.296630 | -0.296630 | 2.095372 | 2.095372 | -1.419499 | -1.419499 | 3.239546 | 3.239546 | 1.694586 | 1.694586 | 2.295935 | 2.295935 | -1.185634 | -1.185634 | -2.458877 | -2.458877 | -1.424424 | -1.424424 | -1.278233 | -1.278233 | -0.550882 | -0.550882 |
| 0.063038 | 0.039651 | 0.299190 | 1.505066 | 1.872726 | -2.561585 | -2.561585 | 2.562180 | 2.562180 | 0.155505 | 0.155505 | 1.294259 | 1.294259 | 2.493723 | 2.493723 | 1.521686 | 1.521686 | -1.799629 | 0.567622 | 0.567622 | 0.567622 | 0.567622 | 0.567622 | 0.567622 | 0.567622 | 0.567622 | 0.567622 | 0.567622 | 0.567622 | 0.567622 | 0.567622 | 2.383785 | 2.383785 | -0.066926 | -0.066926 | -1.941014 | -1.941014 | -0.614646 | -0.614646 | -1.730945 | -1.730945 | -0.160409 | -0.160409 | -1.766797 | -1.766797 | 2.322731 | 2.322731 | 4.330900 | 4.330900 | 1.880863 | 1.880863 | -0.548700 | -0.548700 | -1.575239 | -1.575239 | 2.377689 | 2.377689 | 0.245220 | 0.245220 | -0.409794 | -0.409794 |
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| 0.063047 | 0.042758 | -3.057637 | -1.058324 | -0.440296 | 0.837437 | 0.837437 | -2.772975 | -2.772975 | 2.146098 | 2.146098 | 3.437105 | 3.437105 | 0.466356 | 0.466356 | 0.180259 | 0.180259 | 0.951480 | 0.000862 | 0.000862 | 0.000862 | 0.000862 | 0.000862 | 0.000862 | 0.000862 | 0.000862 | 0.000862 | 0.000862 | 0.000862 | 0.000862 | 0.000862 | 0.775809 | 0.775809 | -0.006407 | -0.006407 | -0.174363 | -0.174363 | -2.341522 | -2.341522 | -0.457672 | -0.457672 | -0.041702 | -0.041702 | 1.820905 | 1.820905 | 4.507164 | 4.507164 | 1.230633 | 1.230633 | 1.826580 | 1.826580 | 2.105444 | 2.105444 | 2.295662 | 2.295662 | 1.148052 | 1.148052 | 2.777332 | 2.777332 | 2.597716 | 2.597716 |
| 0.063051 | 0.044311 | 0.515478 | -0.529893 | -0.087272 | -0.623166 | -0.623166 | -0.380956 | -0.380956 | 1.099459 | 1.099459 | 2.997583 | 2.997583 | -0.940154 | -0.940154 | 0.003577 | 0.003577 | 0.222107 | -2.847830 | -2.847830 | -2.847830 | -2.847830 | -2.847830 | -2.847830 | -2.847830 | -2.847830 | -2.847830 | -2.847830 | -2.847830 | -2.847830 | -2.847830 | -2.885771 | -2.885771 | 0.644436 | 0.644436 | 0.803424 | 0.803424 | -1.253169 | -1.253169 | -0.296778 | -0.296778 | 0.987191 | 0.987191 | 0.398354 | 0.398354 | 2.303105 | 2.303105 | 0.715138 | 0.715138 | 1.092165 | 1.092165 | 1.235967 | 1.235967 | 1.840096 | 1.840096 | 0.812780 | 0.812780 | 0.942077 | 0.942077 | 1.639106 | 1.639106 |
| 0.063055 | 0.045865 | 3.087088 | -0.494616 | 0.110362 | 0.140573 | 0.140573 | 1.665571 | 1.665571 | 0.878630 | 0.878630 | 1.848586 | 1.848586 | -0.459726 | -0.459726 | -0.539708 | -0.539708 | -0.584338 | -4.275425 | -4.275425 | -4.275425 | -4.275425 | -4.275425 | -4.275425 | -4.275425 | -4.275425 | -4.275425 | -4.275425 | -4.275425 | -4.275425 | -4.275425 | -2.637921 | -2.637921 | 1.562860 | 1.562860 | 0.340779 | 0.340779 | -0.671778 | -0.671778 | -0.017415 | -0.017415 | 0.808905 | 0.808905 | -0.706017 | -0.706017 | 0.348038 | 0.348038 | 0.093682 | 0.093682 | 0.550187 | 0.550187 | 0.645849 | 0.645849 | 1.196964 | 1.196964 | 0.703980 | 0.703980 | 2.944319 | 2.944319 | 1.577652 | 1.577652 |
| 0.063059 | 0.047418 | 1.322340 | -0.271480 | 0.797518 | 0.616042 | 0.616042 | 1.358745 | 1.358745 | 1.306973 | 1.306973 | 0.484345 | 0.484345 | 1.935874 | 1.935874 | -0.546592 | -0.546592 | -0.653468 | -3.927911 | -3.927911 | -3.927911 | -3.927911 | -3.927911 | -3.927911 | -3.927911 | -3.927911 | -3.927911 | -3.927911 | -3.927911 | -3.927911 | -3.927911 | -0.560935 | -0.560935 | 0.326184 | 0.326184 | -1.125466 | -1.125466 | -0.584156 | -0.584156 | 2.507112 | 2.507112 | 0.068735 | 0.068735 | -0.992701 | -0.992701 | 0.755613 | 0.755613 | -0.430485 | -0.430485 | 2.226290 | 2.226290 | 1.528165 | 1.528165 | 0.883834 | 0.883834 | 1.722508 | 1.722508 | 3.571676 | 3.571676 | -0.003022 | -0.003022 |
| 0.063064 | 0.048972 | 0.261374 | 1.196371 | 1.339236 | 0.429928 | 0.429928 | 0.066222 | 0.066222 | 1.939690 | 1.939690 | 1.367091 | 1.367091 | 3.036771 | 3.036771 | 0.055733 | 0.055733 | -0.415932 | -2.614760 | -2.614760 | -2.614760 | -2.614760 | -2.614760 | -2.614760 | -2.614760 | -2.614760 | -2.614760 | -2.614760 | -2.614760 | -2.614760 | -2.614760 | 1.750847 | 1.750847 | 1.116307 | 1.116307 | -1.681893 | -1.681893 | -0.297589 | -0.297589 | 1.020647 | 1.020647 | 0.249708 | 0.249708 | -0.468566 | -0.468566 | 1.398415 | 1.398415 | 0.923314 | 0.923314 | 2.190151 | 2.190151 | 2.139291 | 2.139291 | 1.535548 | 1.535548 | 2.443437 | 2.443437 | 1.416015 | 1.416015 | -3.171569 | -3.171569 |
| 0.063068 | 0.050525 | 1.281055 | 1.046832 | 1.792880 | 0.396007 | 0.396007 | -0.876549 | -0.876549 | 1.368588 | 1.368588 | 1.417730 | 1.417730 | 0.269828 | 0.269828 | 1.072406 | 1.072406 | -0.029901 | -1.008652 | -1.008652 | -1.008652 | -1.008652 | -1.008652 | -1.008652 | -1.008652 | -1.008652 | -1.008652 | -1.008652 | -1.008652 | -1.008652 | -1.008652 | 2.695995 | 2.695995 | 1.180221 | 1.180221 | 0.544954 | 0.544954 | -1.333876 | -1.333876 | 0.356839 | 0.356839 | 0.250072 | 0.250072 | 0.893837 | 0.893837 | 1.974796 | 1.974796 | 1.554364 | 1.554364 | 2.460141 | 2.460141 | 1.931943 | 1.931943 | 4.030041 | 4.030041 | 1.570769 | 1.570769 | -1.003810 | -1.003810 | -3.852671 | -3.852671 |
| 0.063072 | 0.052079 | 0.236911 | 1.112946 | 2.261430 | -0.566696 | -0.566696 | -0.750617 | -0.750617 | 2.164210 | 2.164210 | -0.806775 | -0.806775 | 0.179630 | 0.179630 | 0.291611 | 0.291611 | -0.934846 | 0.903038 | 0.903038 | 0.903038 | 0.903038 | 0.903038 | 0.903038 | 0.903038 | 0.903038 | 0.903038 | 0.903038 | 0.903038 | 0.903038 | 0.903038 | 1.855235 | 1.855235 | 0.316762 | 0.316762 | 0.757206 | 0.757206 | -1.172489 | -1.172489 | 0.654836 | 0.654836 | 0.299852 | 0.299852 | 2.025280 | 2.025280 | 2.197251 | 2.197251 | 2.643625 | 2.643625 | 1.270671 | 1.270671 | 1.185407 | 1.185407 | 3.884525 | 3.884525 | 3.868296 | 3.868296 | -2.035222 | -2.035222 | -3.373998 | -3.373998 |
| 0.063076 | 0.053632 | 0.354225 | 1.020034 | 1.925839 | -0.327206 | -0.327206 | 0.426288 | 0.426288 | 1.096142 | 1.096142 | 0.123985 | 0.123985 | 1.036555 | 1.036555 | -2.170531 | -2.170531 | 1.814203 | -0.008639 | -0.008639 | -0.008639 | -0.008639 | -0.008639 | -0.008639 | -0.008639 | -0.008639 | -0.008639 | -0.008639 | -0.008639 | -0.008639 | -0.008639 | 1.491476 | 1.491476 | -0.665869 | -0.665869 | 0.483650 | 0.483650 | 0.627152 | 0.627152 | 1.670608 | 1.670608 | 1.827680 | 1.827680 | 2.806607 | 2.806607 | 0.648881 | 0.648881 | 2.698066 | 2.698066 | -0.038993 | -0.038993 | 3.228807 | 3.228807 | 3.649713 | 3.649713 | 2.737572 | 2.737572 | 0.522362 | 0.522362 | -2.542805 | -2.542805 |
| 0.06308 | 0.055186 | -1.346900 | -1.179527 | 0.278387 | -1.182855 | -1.182855 | 0.125883 | 0.125883 | -0.787015 | -0.787015 | -0.019501 | -0.019501 | -0.353743 | -0.353743 | -2.191334 | -2.191334 | 2.855012 | -0.952427 | -0.952427 | -0.952427 | -0.952427 | -0.952427 | -0.952427 | -0.952427 | -0.952427 | -0.952427 | -0.952427 | -0.952427 | -0.952427 | -0.952427 | 0.237446 | 0.237446 | -0.377533 | -0.377533 | 2.927152 | 2.927152 | 0.928333 | 0.928333 | 4.205610 | 4.205610 | 2.616554 | 2.616554 | 3.019419 | 3.019419 | 1.113873 | 1.113873 | 0.488495 | 0.488495 | 4.031240 | 4.031240 | 3.462767 | 3.462767 | 2.886780 | 2.886780 | 0.563751 | 0.563751 | 0.930599 | 0.930599 | -1.608829 | -1.608829 |
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| 0.063102 | 0.062953 | -0.059315 | -1.124983 | 0.241794 | -0.344821 | -0.344821 | 2.267018 | 2.267018 | 0.731260 | 0.731260 | -3.280072 | -3.280072 | 1.023032 | 1.023032 | 1.254410 | 1.254410 | -0.558764 | -3.055419 | -3.055419 | -3.055419 | -3.055419 | -3.055419 | -3.055419 | -3.055419 | -3.055419 | -3.055419 | -3.055419 | -3.055419 | -3.055419 | -3.055419 | -2.994020 | -2.994020 | -0.823001 | -0.823001 | -1.193018 | -1.193018 | 0.333882 | 0.333882 | -2.374886 | -2.374886 | 2.137920 | 2.137920 | 4.681652 | 4.681652 | 3.167001 | 3.167001 | 2.481579 | 2.481579 | 1.291336 | 1.291336 | -0.400822 | -0.400822 | -3.474133 | -3.474133 | -4.793302 | -4.793302 | -4.975592 | -4.975592 | 0.689091 | 0.689091 |
| 0.063106 | 0.064507 | -2.497403 | 0.582706 | -1.416659 | 0.236754 | 0.236754 | 1.280169 | 1.280169 | 2.064654 | 2.064654 | -9.105362 | -9.105362 | -0.336716 | -0.336716 | -0.122119 | -0.122119 | -1.539678 | -3.218101 | -3.218101 | -3.218101 | -3.218101 | -3.218101 | -3.218101 | -3.218101 | -3.218101 | -3.218101 | -3.218101 | -3.218101 | -3.218101 | -3.218101 | -2.103046 | -2.103046 | -1.038940 | -1.038940 | -0.428599 | -0.428599 | 1.529683 | 1.529683 | 0.140641 | 0.140641 | 1.628303 | 1.628303 | -2.352882 | -2.352882 | 1.294675 | 1.294675 | 0.876550 | 0.876550 | 0.077495 | 0.077495 | -1.876180 | -1.876180 | -4.604842 | -4.604842 | -5.507546 | -5.507546 | -1.554266 | -1.554266 | 2.266156 | 2.266156 |
| 0.06311 | 0.06606 | -0.436504 | 3.597042 | -1.351868 | -0.036753 | -0.036753 | -0.384400 | -0.384400 | 0.858393 | 0.858393 | -4.967083 | -4.967083 | 2.193511 | 2.193511 | 0.503710 | 0.503710 | -2.508986 | -0.782774 | -0.782774 | -0.782774 | -0.782774 | -0.782774 | -0.782774 | -0.782774 | -0.782774 | -0.782774 | -0.782774 | -0.782774 | -0.782774 | -0.782774 | -3.003747 | -3.003747 | 0.854284 | 0.854284 | 1.744587 | 1.744587 | 0.916936 | 0.916936 | -0.313202 | -0.313202 | -0.678610 | -0.678610 | -2.977544 | -2.977544 | -1.048636 | -1.048636 | -6.687884 | -6.687884 | -2.888956 | -2.888956 | -1.322302 | -1.322302 | -5.073732 | -5.073732 | -4.063293 | -4.063293 | 1.869252 | 1.869252 | 2.648669 | 2.648669 |
| 0.063114 | 0.067614 | -3.750459 | 2.740208 | 0.949802 | 2.251196 | 2.251196 | 3.797527 | 3.797527 | 0.758535 | 0.758535 | 0.502622 | 0.502622 | 1.662271 | 1.662271 | 1.909863 | 1.909863 | -0.883819 | 3.087201 | 3.087201 | 3.087201 | 3.087201 | 3.087201 | 3.087201 | 3.087201 | 3.087201 | 3.087201 | 3.087201 | 3.087201 | 3.087201 | 3.087201 | 3.389306 | 3.389306 | 2.619229 | 2.619229 | -0.799429 | -0.799429 | -0.558277 | -0.558277 | 1.947663 | 1.947663 | -1.919076 | -1.919076 | 2.748383 | 2.748383 | -0.577304 | -0.577304 | -0.688671 | -0.688671 | -2.124544 | -2.124544 | -3.222842 | -3.222842 | -1.981988 | -1.981988 | -1.979443 | -1.979443 | 3.443281 | 3.443281 | 0.649462 | 0.649462 |
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| 0.063123 | 0.070721 | 2.903133 | -1.200572 | 0.247594 | 0.271433 | 0.271433 | 1.729491 | 1.729491 | 1.921028 | 1.921028 | 0.607290 | 0.607290 | -1.787908 | -1.787908 | -1.691739 | -1.691739 | 0.719621 | 1.385701 | 1.385701 | 1.385701 | 1.385701 | 1.385701 | 1.385701 | 1.385701 | 1.385701 | 1.385701 | 1.385701 | 1.385701 | 1.385701 | 1.385701 | -0.892295 | -0.892295 | -4.242313 | -4.242313 | -2.911193 | -2.911193 | -2.620931 | -2.620931 | -0.493084 | -0.493084 | -4.768555 | -4.768555 | -4.738250 | -4.738250 | -0.070038 | -0.070038 | 1.137651 | 1.137651 | 1.797089 | 1.797089 | -1.818676 | -1.818676 | 1.330536 | 1.330536 | 1.007818 | 1.007818 | 0.011403 | 0.011403 | -0.408995 | -0.408995 |
| 0.063127 | 0.072274 | 1.925382 | 0.353956 | 0.736039 | -0.669739 | -0.669739 | 2.192172 | 2.192172 | 0.539071 | 0.539071 | 0.367958 | 0.367958 | 7.087176 | 7.087176 | -1.304833 | -1.304833 | -0.548008 | -2.632104 | -2.632104 | -2.632104 | -2.632104 | -2.632104 | -2.632104 | -2.632104 | -2.632104 | -2.632104 | -2.632104 | -2.632104 | -2.632104 | -2.632104 | -2.400284 | -2.400284 | -2.567389 | -2.567389 | -1.906241 | -1.906241 | 1.107303 | 1.107303 | -2.969794 | -2.969794 | -8.132237 | -8.132237 | -3.383685 | -3.383685 | -1.754215 | -1.754215 | 1.411830 | 1.411830 | 1.369971 | 1.369971 | -1.621330 | -1.621330 | 0.334257 | 0.334257 | 1.685284 | 1.685284 | -0.857455 | -0.857455 | -1.642426 | -1.642426 |
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| 0.087721 | 0.099138 | -0.929028 | 1.432234 | -1.146504 | -1.621084 | -1.621084 | -1.487676 | -1.487676 | 0.309338 | 0.309338 | -0.947053 | -0.947053 | 1.181607 | 1.181607 | 1.313582 | 1.313582 | -0.208684 | 1.890244 | 1.890244 | 1.890244 | 1.890244 | 1.890244 | 1.890244 | 1.890244 | 1.890244 | 1.890244 | 1.890244 | 1.890244 | 1.890244 | 1.890244 | -0.092442 | -0.092442 | 0.105887 | 0.105887 | 0.999701 | 0.999701 | -0.396230 | -0.396230 | -0.027021 | -0.027021 | -1.887594 | -1.887594 | 0.486353 | 0.486353 | -0.005404 | -0.005404 | -2.525113 | -2.525113 | 1.032523 | 1.032523 | 0.387166 | 0.387166 | 0.641756 | 0.641756 | -0.805826 | -0.805826 | -0.695019 | -0.695019 | 0.267068 | 0.267068 |
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| 0.090828 | 0.099154 | 0.247455 | 1.532699 | 0.245330 | 0.096875 | 0.096875 | -2.721385 | -2.721385 | 0.795604 | 0.795604 | 1.198596 | 1.198596 | -0.039289 | -0.039289 | 1.912032 | 1.912032 | 2.205809 | 1.373391 | 1.373391 | 1.373391 | 1.373391 | 1.373391 | 1.373391 | 1.373391 | 1.373391 | 1.373391 | 1.373391 | 1.373391 | 1.373391 | 1.373391 | 0.046261 | 0.046261 | -0.660077 | -0.660077 | -0.144694 | -0.144694 | -0.630713 | -0.630713 | -1.561507 | -1.561507 | -3.627069 | -3.627069 | -0.608131 | -0.608131 | -0.808825 | -0.808825 | -0.267114 | -0.267114 | -1.435835 | -1.435835 | 1.116492 | 1.116492 | 1.098764 | 1.098764 | -1.175575 | -1.175575 | 0.524917 | 0.524917 | -3.569464 | -3.569464 |
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| 0.101703 | 0.099207 | 5.092697 | 3.367593 | 2.573455 | 2.702954 | 2.702954 | -0.927971 | -0.927971 | -0.145405 | -0.145405 | -1.377017 | -1.377017 | -0.839523 | -0.839523 | 0.114038 | 0.114038 | -4.707438 | 0.282848 | 0.282848 | 0.282848 | 0.282848 | 0.282848 | 0.282848 | 0.282848 | 0.282848 | 0.282848 | 0.282848 | 0.282848 | 0.282848 | 0.282848 | -0.185351 | -0.185351 | 1.467446 | 1.467446 | -0.319675 | -0.319675 | -0.289556 | -0.289556 | 1.777174 | 1.777174 | 0.361887 | 0.361887 | 3.808036 | 3.808036 | -2.017290 | -2.017290 | -2.373806 | -2.373806 | -1.925273 | -1.925273 | -0.277865 | -0.277865 | -0.701346 | -0.701346 | -0.607848 | -0.607848 | -0.100508 | -0.100508 | 0.301672 | 0.301672 |
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| 0.106363 | 0.09923 | 0.412690 | 1.334752 | 1.249872 | 1.691274 | 1.691274 | 10.075459 | 10.075459 | 5.594764 | 5.594764 | 4.327285 | 4.327285 | -2.580276 | -2.580276 | -2.107120 | -2.107120 | 0.159428 | -3.486312 | -3.486312 | -3.486312 | -3.486312 | -3.486312 | -3.486312 | -3.486312 | -3.486312 | -3.486312 | -3.486312 | -3.486312 | -3.486312 | -3.486312 | -4.486441 | -4.486441 | -1.317085 | -1.317085 | -2.448807 | -2.448807 | -0.504274 | -0.504274 | -1.287323 | -1.287323 | -0.371179 | -0.371179 | 0.817892 | 0.817892 | 3.102458 | 3.102458 | 2.026736 | 2.026736 | 0.237460 | 0.237460 | -0.397662 | -0.397662 | -3.360708 | -3.360708 | -3.352920 | -3.352920 | 1.077662 | 1.077662 | 1.757544 | 1.757544 |
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| 0.115139 | 0.067788 | 4.538136 | 4.533498 | 0.072896 | 4.263406 | 4.263406 | 4.624151 | 4.624151 | 0.930101 | 0.930101 | -0.756570 | -0.756570 | -1.536185 | -1.536185 | -1.054454 | -1.054454 | -1.027939 | -0.072575 | -0.072575 | -0.072575 | -0.072575 | -0.072575 | -0.072575 | -0.072575 | -0.072575 | -0.072575 | -0.072575 | -0.072575 | -0.072575 | -0.072575 | 0.240374 | 0.240374 | -6.466474 | -6.466474 | 0.484818 | 0.484818 | -5.257948 | -5.257948 | -2.726048 | -2.726048 | -2.100623 | -2.100623 | -3.258195 | -3.258195 | -1.870109 | -1.870109 | -2.863219 | -2.863219 | -3.204896 | -3.204896 | 1.004444 | 1.004444 | 2.664762 | 2.664762 | -1.819631 | -1.819631 | 1.124504 | 1.124504 | -7.472236 | -7.472236 |
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| 0.075715 | 0.006444 | 1.952938 | -1.619581 | 0.917141 | 0.161071 | 0.161071 | -0.395255 | -0.395255 | 2.692327 | 2.692327 | -4.002688 | -4.002688 | 6.781876 | 6.781876 | 5.443146 | 5.443146 | 7.178851 | 0.871549 | 0.871549 | 0.871549 | 0.871549 | 0.871549 | 0.871549 | 0.871549 | 0.871549 | 0.871549 | 0.871549 | 0.871549 | 0.871549 | 0.871549 | -1.066672 | -1.066672 | 3.344273 | 3.344273 | -0.513887 | -0.513887 | -0.899071 | -0.899071 | 7.034744 | 7.034744 | 0.557602 | 0.557602 | 2.251837 | 2.251837 | 1.976519 | 1.976519 | 1.096933 | 1.096933 | 3.238075 | 3.238075 | -2.201982 | -2.201982 | -0.116948 | -0.116948 | -7.987858 | -7.987858 | -4.790459 | -4.790459 | 0.683147 | 0.683147 |
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| 0.071382 | 0.016129 | 2.384590 | 2.955335 | 1.247115 | -1.710797 | -1.710797 | -2.874788 | -2.874788 | 0.892100 | 0.892100 | -0.129955 | -0.129955 | 0.975708 | 0.975708 | 1.176506 | 1.176506 | 1.682053 | 0.185891 | 0.185891 | 0.185891 | 0.185891 | 0.185891 | 0.185891 | 0.185891 | 0.185891 | 0.185891 | 0.185891 | 0.185891 | 0.185891 | 0.185891 | 0.974069 | 0.974069 | -0.450646 | -0.450646 | 1.119039 | 1.119039 | 2.349453 | 2.349453 | 3.352080 | 3.352080 | -0.580351 | -0.580351 | 2.244377 | 2.244377 | 2.171237 | 2.171237 | -1.297271 | -1.297271 | -0.606513 | -0.606513 | -0.737866 | -0.737866 | -0.623569 | -0.623569 | -2.330334 | -2.330334 | 0.436738 | 0.436738 | -3.693645 | -3.693645 |
| 0.071384 | 0.017682 | 2.442067 | 0.545385 | -0.193795 | 0.488531 | 0.488531 | -0.725969 | -0.725969 | -1.832584 | -1.832584 | -0.766685 | -0.766685 | 1.425026 | 1.425026 | 2.529124 | 2.529124 | 0.770494 | 1.169511 | 1.169511 | 1.169511 | 1.169511 | 1.169511 | 1.169511 | 1.169511 | 1.169511 | 1.169511 | 1.169511 | 1.169511 | 1.169511 | 1.169511 | -1.484577 | -1.484577 | 0.991051 | 0.991051 | 1.492257 | 1.492257 | 1.689884 | 1.689884 | 2.464775 | 2.464775 | -0.715345 | -0.715345 | 0.620759 | 0.620759 | 2.006785 | 2.006785 | -0.397946 | -0.397946 | 1.498285 | 1.498285 | -0.327869 | -0.327869 | 0.278725 | 0.278725 | -3.128815 | -3.128815 | 2.002678 | 2.002678 | -1.988204 | -1.988204 |
| 0.071387 | 0.019236 | 1.878005 | 0.831323 | -0.522348 | 1.145291 | 1.145291 | 1.430905 | 1.430905 | -1.608564 | -1.608564 | 1.276600 | 1.276600 | 0.476319 | 0.476319 | -0.435141 | -0.435141 | 0.615648 | -0.864526 | -0.864526 | -0.864526 | -0.864526 | -0.864526 | -0.864526 | -0.864526 | -0.864526 | -0.864526 | -0.864526 | -0.864526 | -0.864526 | -0.864526 | -1.974071 | -1.974071 | 1.724457 | 1.724457 | 3.404324 | 3.404324 | 1.609255 | 1.609255 | 1.768261 | 1.768261 | 0.293573 | 0.293573 | -0.387262 | -0.387262 | 0.876372 | 0.876372 | 0.169642 | 0.169642 | -0.243027 | -0.243027 | -1.105777 | -1.105777 | 1.382614 | 1.382614 | -1.143434 | -1.143434 | 1.634066 | 1.634066 | 0.310687 | 0.310687 |
| 0.071389 | 0.020789 | 1.887454 | 1.797389 | 1.109127 | 0.767667 | 0.767667 | 0.011425 | 0.011425 | -0.746766 | -0.746766 | 1.239333 | 1.239333 | -1.923152 | -1.923152 | -0.452095 | -0.452095 | 0.385266 | 0.413201 | 0.413201 | 0.413201 | 0.413201 | 0.413201 | 0.413201 | 0.413201 | 0.413201 | 0.413201 | 0.413201 | 0.413201 | 0.413201 | 0.413201 | -0.197168 | -0.197168 | 0.686808 | 0.686808 | 2.382164 | 2.382164 | 0.526701 | 0.526701 | 0.481486 | 0.481486 | -0.048083 | -0.048083 | -1.426446 | -1.426446 | -0.084100 | -0.084100 | 0.433885 | 0.433885 | -0.177893 | -0.177893 | -0.645070 | -0.645070 | 0.844545 | 0.844545 | -0.824733 | -0.824733 | -0.082434 | -0.082434 | 0.203795 | 0.203795 |
| 0.071391 | 0.022343 | 2.689324 | 1.748362 | 1.157879 | 0.393557 | 0.393557 | -0.747801 | -0.747801 | 0.158165 | 0.158165 | -0.722995 | -0.722995 | -3.381917 | -3.381917 | 0.935948 | 0.935948 | 0.996653 | 1.963545 | 1.963545 | 1.963545 | 1.963545 | 1.963545 | 1.963545 | 1.963545 | 1.963545 | 1.963545 | 1.963545 | 1.963545 | 1.963545 | 1.963545 | 1.588808 | 1.588808 | 1.110661 | 1.110661 | 0.211989 | 0.211989 | -0.386202 | -0.386202 | -0.239529 | -0.239529 | -2.265567 | -2.265567 | -1.140252 | -1.140252 | 0.480986 | 0.480986 | 1.477172 | 1.477172 | -2.224149 | -2.224149 | 2.717906 | 2.717906 | -0.245856 | -0.245856 | -0.282768 | -0.282768 | 1.668867 | 1.668867 | 0.792698 | 0.792698 |
| 0.071394 | 0.023896 | 1.804986 | 0.069631 | -0.805184 | 1.132774 | 1.132774 | -0.686206 | -0.686206 | -0.321252 | -0.321252 | -0.310846 | -0.310846 | -2.042868 | -2.042868 | 3.642187 | 3.642187 | 2.234508 | 1.694795 | 1.694795 | 1.694795 | 1.694795 | 1.694795 | 1.694795 | 1.694795 | 1.694795 | 1.694795 | 1.694795 | 1.694795 | 1.694795 | 1.694795 | 2.171113 | 2.171113 | 1.169379 | 1.169379 | -0.210885 | -0.210885 | -2.082053 | -2.082053 | -0.731663 | -0.731663 | -0.682720 | -0.682720 | -0.893924 | -0.893924 | 0.763282 | 0.763282 | 0.515708 | 0.515708 | -2.802067 | -2.802067 | 1.331494 | 1.331494 | -0.876910 | -0.876910 | -1.778912 | -1.778912 | -0.126367 | -0.126367 | 1.816038 | 1.816038 |
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| 0.071401 | 0.028557 | 0.871986 | -0.696969 | -1.562648 | 1.150895 | 1.150895 | -1.120230 | -1.120230 | 3.994530 | 3.994530 | 4.466842 | 4.466842 | 6.128351 | 6.128351 | 1.569589 | 1.569589 | -0.052667 | 0.319529 | 0.319529 | 0.319529 | 0.319529 | 0.319529 | 0.319529 | 0.319529 | 0.319529 | 0.319529 | 0.319529 | 0.319529 | 0.319529 | 0.319529 | 0.256882 | 0.256882 | -1.754781 | -1.754781 | -0.502809 | -0.502809 | 1.230454 | 1.230454 | 0.075167 | 0.075167 | 0.694746 | 0.694746 | 2.734648 | 2.734648 | 0.731719 | 0.731719 | -2.489076 | -2.489076 | -2.256460 | -2.256460 | -1.383606 | -1.383606 | -0.072266 | -0.072266 | -3.167251 | -3.167251 | 0.266943 | 0.266943 | 0.251979 | 0.251979 |
| 0.071403 | 0.03011 | 0.441226 | -0.783052 | -2.161492 | 0.456540 | 0.456540 | 1.114624 | 1.114624 | 4.923351 | 4.923351 | 4.281533 | 4.281533 | 2.885817 | 2.885817 | -1.419663 | -1.419663 | 0.019784 | -0.817570 | -0.817570 | -0.817570 | -0.817570 | -0.817570 | -0.817570 | -0.817570 | -0.817570 | -0.817570 | -0.817570 | -0.817570 | -0.817570 | -0.817570 | 0.543233 | 0.543233 | -2.644299 | -2.644299 | -2.211202 | -2.211202 | 1.083444 | 1.083444 | -0.269553 | -0.269553 | 1.270190 | 1.270190 | 1.544112 | 1.544112 | -0.820664 | -0.820664 | -3.595531 | -3.595531 | -1.604409 | -1.604409 | 0.528727 | 0.528727 | 1.678886 | 1.678886 | -1.437550 | -1.437550 | -0.279125 | -0.279125 | -0.442091 | -0.442091 |
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| 0.071407 | 0.033217 | -1.456533 | -1.096902 | -1.206697 | 1.482475 | 1.482475 | 2.386393 | 2.386393 | 0.516660 | 0.516660 | 1.497927 | 1.497927 | -1.181479 | -1.181479 | -0.685696 | -0.685696 | 0.829203 | -2.316648 | -2.316648 | -2.316648 | -2.316648 | -2.316648 | -2.316648 | -2.316648 | -2.316648 | -2.316648 | -2.316648 | -2.316648 | -2.316648 | -2.316648 | 1.201028 | 1.201028 | 0.138207 | 0.138207 | 1.260708 | 1.260708 | -0.999761 | -0.999761 | -0.669711 | -0.669711 | -0.399280 | -0.399280 | -2.886675 | -2.886675 | -4.295483 | -4.295483 | -4.184020 | -4.184020 | 0.789807 | 0.789807 | 2.729960 | 2.729960 | 1.191338 | 1.191338 | 0.537721 | 0.537721 | -0.296810 | -0.296810 | -2.092337 | -2.092337 |
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| 0.071414 | 0.037878 | 1.544156 | 1.344752 | 1.544678 | -0.014015 | -0.014015 | 0.913850 | 0.913850 | 2.079700 | 2.079700 | 0.604849 | 0.604849 | 0.423285 | 0.423285 | 2.100350 | 2.100350 | 0.793509 | 0.041941 | 0.041941 | 0.041941 | 0.041941 | 0.041941 | 0.041941 | 0.041941 | 0.041941 | 0.041941 | 0.041941 | 0.041941 | 0.041941 | 0.041941 | 0.318192 | 0.318192 | 0.040871 | 0.040871 | -0.561411 | -0.561411 | -0.679867 | -0.679867 | -1.163181 | -1.163181 | -2.615955 | -2.615955 | -2.580651 | -2.580651 | -0.996213 | -0.996213 | 0.875695 | 0.875695 | 1.298491 | 1.298491 | 0.950356 | 0.950356 | -1.378961 | -1.378961 | 1.270496 | 1.270496 | 1.566365 | 1.566365 | 1.218851 | 1.218851 |
| 0.071417 | 0.039431 | 1.870938 | 0.361258 | 0.302840 | -0.216839 | -0.216839 | 1.370971 | 1.370971 | 1.857567 | 1.857567 | 1.575904 | 1.575904 | -0.648016 | -0.648016 | 1.449672 | 1.449672 | 1.088840 | 0.253197 | 0.253197 | 0.253197 | 0.253197 | 0.253197 | 0.253197 | 0.253197 | 0.253197 | 0.253197 | 0.253197 | 0.253197 | 0.253197 | 0.253197 | -1.126588 | -1.126588 | 0.029859 | 0.029859 | -0.600775 | -0.600775 | -2.374932 | -2.374932 | -2.151912 | -2.151912 | -3.568352 | -3.568352 | -1.493212 | -1.493212 | 0.016421 | 0.016421 | 0.763037 | 0.763037 | -0.283310 | -0.283310 | 0.070412 | 0.070412 | -0.271922 | -0.271922 | 0.747053 | 0.747053 | 1.271442 | 1.271442 | 1.824592 | 1.824592 |
| 0.071419 | 0.040985 | 1.888324 | -0.570942 | -0.372522 | 1.275523 | 1.275523 | 2.184876 | 2.184876 | 0.997158 | 0.997158 | 2.123141 | 2.123141 | -1.817183 | -1.817183 | 0.255700 | 0.255700 | 0.606873 | -0.717182 | -0.717182 | -0.717182 | -0.717182 | -0.717182 | -0.717182 | -0.717182 | -0.717182 | -0.717182 | -0.717182 | -0.717182 | -0.717182 | -0.717182 | -1.490611 | -1.490611 | -0.513114 | -0.513114 | -1.522172 | -1.522172 | -3.234562 | -3.234562 | -3.735919 | -3.735919 | -2.742248 | -2.742248 | -1.576775 | -1.576775 | 0.360592 | 0.360592 | 0.593592 | 0.593592 | -0.767742 | -0.767742 | -0.631584 | -0.631584 | -0.187077 | -0.187077 | 0.266365 | 0.266365 | 0.789617 | 0.789617 | 1.144544 | 1.144544 |
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| 0.071426 | 0.045645 | 0.184367 | 0.344146 | 0.603186 | 0.866452 | 0.866452 | -0.047225 | -0.047225 | -0.180699 | -0.180699 | -0.007255 | -0.007255 | 1.600579 | 1.600579 | -1.544671 | -1.544671 | 1.228959 | -0.032929 | -0.032929 | -0.032929 | -0.032929 | -0.032929 | -0.032929 | -0.032929 | -0.032929 | -0.032929 | -0.032929 | -0.032929 | -0.032929 | -0.032929 | 1.705284 | 1.705284 | 0.337183 | 0.337183 | -2.161704 | -2.161704 | -3.052391 | -3.052391 | -1.928097 | -1.928097 | 0.152033 | 0.152033 | 1.293587 | 1.293587 | -1.031560 | -1.031560 | -2.369578 | -2.369578 | -1.173083 | -1.173083 | -0.220651 | -0.220651 | 0.783361 | 0.783361 | 2.339890 | 2.339890 | 2.201822 | 2.201822 | 3.071658 | 3.071658 |
| 0.071428 | 0.047199 | 1.080680 | 0.769112 | -0.135267 | 0.400058 | 0.400058 | -0.821853 | -0.821853 | 0.112261 | 0.112261 | 0.473432 | 0.473432 | 0.911727 | 0.911727 | -1.572665 | -1.572665 | 1.025185 | 1.292341 | 1.292341 | 1.292341 | 1.292341 | 1.292341 | 1.292341 | 1.292341 | 1.292341 | 1.292341 | 1.292341 | 1.292341 | 1.292341 | 1.292341 | 0.852035 | 0.852035 | 1.303123 | 1.303123 | -1.018129 | -1.018129 | -2.954024 | -2.954024 | -0.051809 | -0.051809 | 1.618910 | 1.618910 | -0.342253 | -0.342253 | -1.817381 | -1.817381 | -1.197599 | -1.197599 | -1.343245 | -1.343245 | 1.411001 | 1.411001 | 1.330259 | 1.330259 | 2.653838 | 2.653838 | 0.825040 | 0.825040 | 4.793103 | 4.793103 |
| 0.071431 | 0.048752 | -0.341097 | 0.464426 | -0.564660 | -0.103811 | -0.103811 | 0.016704 | 0.016704 | 0.116864 | 0.116864 | 1.968129 | 1.968129 | -0.251543 | -0.251543 | -0.324601 | -0.324601 | 0.094762 | 1.063974 | 1.063974 | 1.063974 | 1.063974 | 1.063974 | 1.063974 | 1.063974 | 1.063974 | 1.063974 | 1.063974 | 1.063974 | 1.063974 | 1.063974 | 0.320841 | 0.320841 | -0.874529 | -0.874529 | -0.283561 | -0.283561 | -2.648782 | -2.648782 | 1.325648 | 1.325648 | 0.917110 | 0.917110 | -1.478219 | -1.478219 | -1.318076 | -1.318076 | 0.645703 | 0.645703 | 0.425519 | 0.425519 | 3.062179 | 3.062179 | -0.320355 | -0.320355 | 2.182403 | 2.182403 | 1.894053 | 1.894053 | 5.432447 | 5.432447 |
| 0.071433 | 0.050306 | -2.265470 | -0.736978 | -0.268312 | 0.231109 | 0.231109 | 1.450909 | 1.450909 | 0.270477 | 0.270477 | 1.464037 | 1.464037 | 1.698135 | 1.698135 | 0.185025 | 0.185025 | 0.146660 | 1.482080 | 1.482080 | 1.482080 | 1.482080 | 1.482080 | 1.482080 | 1.482080 | 1.482080 | 1.482080 | 1.482080 | 1.482080 | 1.482080 | 1.482080 | 0.336428 | 0.336428 | -2.446147 | -2.446147 | 0.389718 | 0.389718 | 0.234901 | 0.234901 | 0.555164 | 0.555164 | 0.043362 | 0.043362 | -0.378235 | -0.378235 | -0.641575 | -0.641575 | 1.485315 | 1.485315 | 2.113797 | 2.113797 | 1.454849 | 1.454849 | 0.560987 | 0.560987 | -0.669104 | -0.669104 | 2.885386 | 2.885386 | 4.570350 | 4.570350 |
| 0.071435 | 0.051859 | -0.955195 | -1.530671 | 0.829183 | 1.921085 | 1.921085 | 1.815452 | 1.815452 | 1.243919 | 1.243919 | 0.422217 | 0.422217 | 1.828932 | 1.828932 | 0.998723 | 0.998723 | 2.501109 | 1.343063 | 1.343063 | 1.343063 | 1.343063 | 1.343063 | 1.343063 | 1.343063 | 1.343063 | 1.343063 | 1.343063 | 1.343063 | 1.343063 | 1.343063 | 0.661312 | 0.661312 | -1.657642 | -1.657642 | 1.716633 | 1.716633 | 0.373486 | 0.373486 | -1.685044 | -1.685044 | -0.331460 | -0.331460 | 0.589704 | 0.589704 | 0.543818 | 0.543818 | 1.029535 | 1.029535 | -0.785590 | -0.785590 | 1.750624 | 1.750624 | 1.955293 | 1.955293 | -0.157386 | -0.157386 | 3.456344 | 3.456344 | 3.310632 | 3.310632 |
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| 0.071442 | 0.05652 | -1.438188 | 1.032451 | -1.259171 | -0.919420 | -0.919420 | -1.941860 | -1.941860 | -1.585821 | -1.585821 | -5.300755 | -5.300755 | 0.977527 | 0.977527 | -0.244837 | -0.244837 | -1.303214 | -0.605477 | -0.605477 | -0.605477 | -0.605477 | -0.605477 | -0.605477 | -0.605477 | -0.605477 | -0.605477 | -0.605477 | -0.605477 | -0.605477 | -0.605477 | 0.560174 | 0.560174 | 0.069778 | 0.069778 | -0.027980 | -0.027980 | -0.865670 | -0.865670 | -1.363900 | -1.363900 | -0.174557 | -0.174557 | 0.551532 | 0.551532 | -0.428190 | -0.428190 | -1.542902 | -1.542902 | 1.311854 | 1.311854 | -0.711679 | -0.711679 | -1.276779 | -1.276779 | 1.694104 | 1.694104 | -1.231230 | -1.231230 | -0.663793 | -0.663793 |
| 0.071444 | 0.058073 | -1.952915 | 0.664304 | -1.151181 | -0.499788 | -0.499788 | -0.370416 | -0.370416 | -1.160690 | -1.160690 | -3.266672 | -3.266672 | 0.742097 | 0.742097 | 1.207133 | 1.207133 | -0.076891 | -0.586784 | -0.586784 | -0.586784 | -0.586784 | -0.586784 | -0.586784 | -0.586784 | -0.586784 | -0.586784 | -0.586784 | -0.586784 | -0.586784 | -0.586784 | -0.320997 | -0.320997 | 0.133220 | 0.133220 | -0.369873 | -0.369873 | -0.127997 | -0.127997 | -0.213628 | -0.213628 | 0.596054 | 0.596054 | 2.222563 | 2.222563 | -1.597031 | -1.597031 | -1.837463 | -1.837463 | -0.948623 | -0.948623 | 0.717530 | 0.717530 | -0.765022 | -0.765022 | 0.721923 | 0.721923 | -1.591330 | -1.591330 | 0.075072 | 0.075072 |
| 0.071447 | 0.059627 | -1.427771 | -0.597900 | -1.052933 | 0.360099 | 0.360099 | 0.878411 | 0.878411 | -1.446420 | -1.446420 | -0.473314 | -0.473314 | 1.515439 | 1.515439 | 1.981009 | 1.981009 | 1.069531 | 0.002807 | 0.002807 | 0.002807 | 0.002807 | 0.002807 | 0.002807 | 0.002807 | 0.002807 | 0.002807 | 0.002807 | 0.002807 | 0.002807 | 0.002807 | -0.753225 | -0.753225 | -1.671935 | -1.671935 | 1.374690 | 1.374690 | 1.152597 | 1.152597 | 0.907255 | 0.907255 | -0.246889 | -0.246889 | 1.967981 | 1.967981 | -2.170145 | -2.170145 | -2.335054 | -2.335054 | -2.667015 | -2.667015 | -0.374056 | -0.374056 | 0.206597 | 0.206597 | 0.385440 | 0.385440 | -0.077620 | -0.077620 | -0.087751 | -0.087751 |
| 0.071449 | 0.06118 | -0.900407 | -0.155047 | 0.437046 | 1.219481 | 1.219481 | 0.641405 | 0.641405 | -0.677274 | -0.677274 | 1.137057 | 1.137057 | 2.068230 | 2.068230 | 0.264405 | 0.264405 | 3.473996 | -2.152039 | -2.152039 | -2.152039 | -2.152039 | -2.152039 | -2.152039 | -2.152039 | -2.152039 | -2.152039 | -2.152039 | -2.152039 | -2.152039 | -2.152039 | 0.108765 | 0.108765 | -2.390821 | -2.390821 | 4.020956 | 4.020956 | 0.824416 | 0.824416 | 2.397100 | 2.397100 | -0.578167 | -0.578167 | -0.687102 | -0.687102 | -1.516008 | -1.516008 | -1.585653 | -1.585653 | -2.942278 | -2.942278 | -1.688857 | -1.688857 | 1.681064 | 1.681064 | -1.773410 | -1.773410 | -0.189035 | -0.189035 | 0.249712 | 0.249712 |
| 0.071451 | 0.062734 | 0.329036 | 2.964485 | 1.588691 | 1.911972 | 1.911972 | 0.684670 | 0.684670 | -0.232403 | -0.232403 | 0.425377 | 0.425377 | 2.546105 | 2.546105 | 1.652549 | 1.652549 | 4.143865 | -2.390748 | -2.390748 | -2.390748 | -2.390748 | -2.390748 | -2.390748 | -2.390748 | -2.390748 | -2.390748 | -2.390748 | -2.390748 | -2.390748 | -2.390748 | 1.185556 | 1.185556 | 0.056057 | 0.056057 | 4.886822 | 4.886822 | 1.063027 | 1.063027 | 3.123070 | 3.123070 | -0.702441 | -0.702441 | -1.226675 | -1.226675 | 0.994064 | 0.994064 | -0.385172 | -0.385172 | -1.616358 | -1.616358 | -0.904953 | -0.904953 | 0.761440 | 0.761440 | -0.664079 | -0.664079 | 0.406537 | 0.406537 | -0.134116 | -0.134116 |
| 0.071454 | 0.064287 | 1.622603 | 3.126438 | 2.190805 | 1.722807 | 1.722807 | 0.586040 | 0.586040 | -0.175174 | -0.175174 | -0.187269 | -0.187269 | 2.170899 | 2.170899 | 0.661974 | 0.661974 | 4.182842 | -1.377683 | -1.377683 | -1.377683 | -1.377683 | -1.377683 | -1.377683 | -1.377683 | -1.377683 | -1.377683 | -1.377683 | -1.377683 | -1.377683 | -1.377683 | 1.261047 | 1.261047 | 1.870823 | 1.870823 | 3.974083 | 3.974083 | 0.724194 | 0.724194 | 1.503054 | 1.503054 | -1.238421 | -1.238421 | -0.269988 | -0.269988 | 0.435560 | 0.435560 | -0.279626 | -0.279626 | -1.438959 | -1.438959 | 0.815569 | 0.815569 | 0.691665 | 0.691665 | -0.443626 | -0.443626 | 0.251344 | 0.251344 | 1.518694 | 1.518694 |
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| 0.071475 | 0.078269 | 1.123396 | 1.060112 | -0.018444 | -0.559812 | -0.559812 | -0.395639 | -0.395639 | -1.249612 | -1.249612 | -0.022955 | -0.022955 | 1.765250 | 1.765250 | 2.850371 | 2.850371 | -0.270853 | 0.565175 | 0.565175 | 0.565175 | 0.565175 | 0.565175 | 0.565175 | 0.565175 | 0.565175 | 0.565175 | 0.565175 | 0.565175 | 0.565175 | 0.565175 | 1.189000 | 1.189000 | 0.569361 | 0.569361 | -4.228873 | -4.228873 | -1.287888 | -1.287888 | -2.870141 | -2.870141 | -3.109013 | -3.109013 | -1.156136 | -1.156136 | 0.491840 | 0.491840 | -1.138559 | -1.138559 | -0.550964 | -0.550964 | -1.072560 | -1.072560 | -0.521288 | -0.521288 | -1.490309 | -1.490309 | -0.292803 | -0.292803 | 0.710657 | 0.710657 |
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| 0.071479 | 0.081376 | 0.284455 | 2.018839 | -0.085791 | 0.905676 | 0.905676 | -0.361915 | -0.361915 | -0.747795 | -0.747795 | -0.088453 | -0.088453 | -0.846130 | -0.846130 | 2.111349 | 2.111349 | 2.217624 | 1.339876 | 1.339876 | 1.339876 | 1.339876 | 1.339876 | 1.339876 | 1.339876 | 1.339876 | 1.339876 | 1.339876 | 1.339876 | 1.339876 | 1.339876 | 0.427537 | 0.427537 | -1.244180 | -1.244180 | -5.072901 | -5.072901 | -4.139434 | -4.139434 | -1.907731 | -1.907731 | -0.402960 | -0.402960 | 0.351352 | 0.351352 | -0.224204 | -0.224204 | -2.621008 | -2.621008 | -1.340686 | -1.340686 | -1.978014 | -1.978014 | -1.249012 | -1.249012 | -1.622605 | -1.622605 | 0.783201 | 0.783201 | 1.115838 | 1.115838 |
| 0.071482 | 0.082929 | 0.088372 | 1.321196 | 1.289360 | 0.518036 | 0.518036 | 0.042600 | 0.042600 | 0.842469 | 0.842469 | 1.236537 | 1.236537 | -0.464475 | -0.464475 | 2.898698 | 2.898698 | 3.105216 | 0.319655 | 0.319655 | 0.319655 | 0.319655 | 0.319655 | 0.319655 | 0.319655 | 0.319655 | 0.319655 | 0.319655 | 0.319655 | 0.319655 | 0.319655 | -3.316018 | -3.316018 | -2.686326 | -2.686326 | -4.436532 | -4.436532 | -2.924371 | -2.924371 | 0.383707 | 0.383707 | 1.978427 | 1.978427 | 1.466933 | 1.466933 | -0.294644 | -0.294644 | -3.286175 | -3.286175 | -1.820252 | -1.820252 | -1.469326 | -1.469326 | -2.396306 | -2.396306 | -2.380412 | -2.380412 | 0.740626 | 0.740626 | -0.671622 | -0.671622 |
| 0.071484 | 0.084483 | 1.277267 | 1.543215 | 1.442462 | 0.084467 | 0.084467 | 1.135197 | 1.135197 | 2.336650 | 2.336650 | 1.398928 | 1.398928 | 0.571171 | 0.571171 | 2.124550 | 2.124550 | 2.371966 | -2.333403 | -2.333403 | -2.333403 | -2.333403 | -2.333403 | -2.333403 | -2.333403 | -2.333403 | -2.333403 | -2.333403 | -2.333403 | -2.333403 | -2.333403 | -4.963672 | -4.963672 | -3.287340 | -3.287340 | -2.727067 | -2.727067 | -1.480642 | -1.480642 | 0.411564 | 0.411564 | 2.841833 | 2.841833 | 1.379348 | 1.379348 | 0.182110 | 0.182110 | -3.961189 | -3.961189 | -1.157957 | -1.157957 | -1.278772 | -1.278772 | -2.337137 | -2.337137 | -2.062496 | -2.062496 | 1.313051 | 1.313051 | -2.334857 | -2.334857 |
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| 0.107085 | 0.082814 | 2.051558 | 0.322635 | 0.456858 | -0.618998 | -0.618998 | 0.082918 | 0.082918 | -1.173728 | -1.173728 | 0.760781 | 0.760781 | 3.779915 | 3.779915 | 2.717882 | 2.717882 | 5.269326 | 0.328416 | 0.328416 | 0.328416 | 0.328416 | 0.328416 | 0.328416 | 0.328416 | 0.328416 | 0.328416 | 0.328416 | 0.328416 | 0.328416 | 0.328416 | -1.850825 | -1.850825 | -0.459628 | -0.459628 | -1.142570 | -1.142570 | 1.907418 | 1.907418 | 1.269921 | 1.269921 | 0.512216 | 0.512216 | -0.768762 | -0.768762 | -0.427969 | -0.427969 | 0.697020 | 0.697020 | -0.378086 | -0.378086 | 0.481522 | 0.481522 | 0.825995 | 0.825995 | -0.308149 | -0.308149 | -0.108399 | -0.108399 | -2.021338 | -2.021338 |
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| 0.107078 | 0.078153 | -1.454483 | -1.155482 | -2.125675 | -0.615623 | -0.615623 | 0.985692 | 0.985692 | -1.039351 | -1.039351 | 0.222029 | 0.222029 | -2.833906 | -2.833906 | -0.269420 | -0.269420 | -0.371262 | -1.387069 | -1.387069 | -1.387069 | -1.387069 | -1.387069 | -1.387069 | -1.387069 | -1.387069 | -1.387069 | -1.387069 | -1.387069 | -1.387069 | -1.387069 | -2.107513 | -2.107513 | -1.930348 | -1.930348 | -0.477995 | -0.477995 | -1.789936 | -1.789936 | 0.291900 | 0.291900 | 2.370750 | 2.370750 | -0.993144 | -0.993144 | 0.038760 | 0.038760 | -2.819325 | -2.819325 | -2.882414 | -2.882414 | -2.390378 | -2.390378 | -2.637839 | -2.637839 | -0.368040 | -0.368040 | -0.939872 | -0.939872 | -1.222076 | -1.222076 |
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| 0.107057 | 0.065725 | 3.150640 | 0.629276 | 0.489245 | 1.540398 | 1.540398 | 2.693002 | 2.693002 | -0.700512 | -0.700512 | -1.379525 | -1.379525 | -1.048582 | -1.048582 | 1.536068 | 1.536068 | 0.954897 | 1.663763 | 1.663763 | 1.663763 | 1.663763 | 1.663763 | 1.663763 | 1.663763 | 1.663763 | 1.663763 | 1.663763 | 1.663763 | 1.663763 | 1.663763 | 0.751913 | 0.751913 | 2.265132 | 2.265132 | 1.662450 | 1.662450 | 0.777174 | 0.777174 | -0.274325 | -0.274325 | -0.360447 | -0.360447 | -1.083395 | -1.083395 | -3.063127 | -3.063127 | -2.222340 | -2.222340 | 1.156187 | 1.156187 | 1.580967 | 1.580967 | 2.464774 | 2.464774 | 3.038111 | 3.038111 | 1.433996 | 1.433996 | 0.544891 | 0.544891 |
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| 0.107037 | 0.053297 | 0.579481 | 0.624901 | 0.542264 | -3.199371 | -3.199371 | -2.444461 | -2.444461 | -1.247469 | -1.247469 | 1.781633 | 1.781633 | -1.758509 | -1.758509 | 0.909886 | 0.909886 | 0.713279 | -0.517515 | -0.517515 | -0.517515 | -0.517515 | -0.517515 | -0.517515 | -0.517515 | -0.517515 | -0.517515 | -0.517515 | -0.517515 | -0.517515 | -0.517515 | -1.323206 | -1.323206 | -1.072150 | -1.072150 | 1.414596 | 1.414596 | -0.928861 | -0.928861 | 1.150954 | 1.150954 | 1.124184 | 1.124184 | 1.263989 | 1.263989 | 1.616849 | 1.616849 | 2.025726 | 2.025726 | 2.283935 | 2.283935 | 2.098894 | 2.098894 | 2.662572 | 2.662572 | -1.266566 | -1.266566 | -1.684923 | -1.684923 | 0.075513 | 0.075513 |
| 0.107035 | 0.051744 | 1.395351 | 1.075161 | 1.010872 | -0.213819 | -0.213819 | -2.961658 | -2.961658 | -3.641039 | -3.641039 | 0.489884 | 0.489884 | -1.828872 | -1.828872 | -0.913661 | -0.913661 | 2.649902 | -0.958925 | -0.958925 | -0.958925 | -0.958925 | -0.958925 | -0.958925 | -0.958925 | -0.958925 | -0.958925 | -0.958925 | -0.958925 | -0.958925 | -0.958925 | -1.738270 | -1.738270 | -2.853386 | -2.853386 | 0.068310 | 0.068310 | -1.035635 | -1.035635 | 1.455702 | 1.455702 | 1.636905 | 1.636905 | -0.687900 | -0.687900 | 0.239668 | 0.239668 | 2.676558 | 2.676558 | 0.520571 | 0.520571 | 1.463727 | 1.463727 | 4.771170 | 4.771170 | 3.165691 | 3.165691 | -0.323261 | -0.323261 | -0.132063 | -0.132063 |
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| 0.106992 | 0.025334 | 0.441092 | 0.307226 | -0.447700 | 0.060918 | 0.060918 | -2.548041 | -2.548041 | -1.081418 | -1.081418 | 0.241744 | 0.241744 | -0.493926 | -0.493926 | -0.312052 | -0.312052 | 0.308206 | 3.397609 | 3.397609 | 3.397609 | 3.397609 | 3.397609 | 3.397609 | 3.397609 | 3.397609 | 3.397609 | 3.397609 | 3.397609 | 3.397609 | 3.397609 | 2.008992 | 2.008992 | 1.608951 | 1.608951 | 0.399055 | 0.399055 | -1.390554 | -1.390554 | -1.143352 | -1.143352 | -0.259319 | -0.259319 | 1.013559 | 1.013559 | -0.078585 | -0.078585 | 1.393760 | 1.393760 | -1.092244 | -1.092244 | 3.146604 | 3.146604 | -1.413308 | -1.413308 | 0.012740 | 0.012740 | -1.615357 | -1.615357 | -0.323080 | -0.323080 |
| 0.106989 | 0.023781 | 0.622012 | 0.196585 | 0.295494 | 1.078647 | 1.078647 | -1.011409 | -1.011409 | -0.328557 | -0.328557 | -0.619752 | -0.619752 | -2.003378 | -2.003378 | -1.378579 | -1.378579 | -0.695388 | 6.135801 | 6.135801 | 6.135801 | 6.135801 | 6.135801 | 6.135801 | 6.135801 | 6.135801 | 6.135801 | 6.135801 | 6.135801 | 6.135801 | 6.135801 | 2.701765 | 2.701765 | 6.007588 | 6.007588 | 1.520872 | 1.520872 | 1.290415 | 1.290415 | -1.051967 | -1.051967 | -0.535158 | -0.535158 | 0.774525 | 0.774525 | 1.408518 | 1.408518 | 1.057092 | 1.057092 | 0.611266 | 0.611266 | 4.665331 | 4.665331 | 1.609831 | 1.609831 | -0.265611 | -0.265611 | -1.617758 | -1.617758 | -0.369534 | -0.369534 |
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| 0.090329 | 0.014577 | 2.596319 | 4.091124 | 3.660428 | 1.307782 | 1.307782 | 2.804256 | 2.804256 | -0.509823 | -0.509823 | 0.212262 | 0.212262 | -1.407837 | -1.407837 | 0.044241 | 0.044241 | 0.813265 | -1.372510 | -1.372510 | -1.372510 | -1.372510 | -1.372510 | -1.372510 | -1.372510 | -1.372510 | -1.372510 | -1.372510 | -1.372510 | -1.372510 | -1.372510 | -0.853753 | -0.853753 | -1.055738 | -1.055738 | -2.043662 | -2.043662 | -7.754409 | -7.754409 | -1.751149 | -1.751149 | 0.934887 | 0.934887 | 0.729579 | 0.729579 | 1.950543 | 1.950543 | -2.538839 | -2.538839 | 0.792961 | 0.792961 | 4.191103 | 4.191103 | 0.628343 | 0.628343 | -0.425373 | -0.425373 | 0.980390 | 0.980390 | 2.304250 | 2.304250 |
| 0.088776 | 0.014628 | 0.389470 | 0.344203 | 4.701225 | 1.804010 | 1.804010 | 0.743529 | 0.743529 | -0.363957 | -0.363957 | -3.006768 | -3.006768 | -2.568973 | -2.568973 | 3.921728 | 3.921728 | 0.828926 | -2.938110 | -2.938110 | -2.938110 | -2.938110 | -2.938110 | -2.938110 | -2.938110 | -2.938110 | -2.938110 | -2.938110 | -2.938110 | -2.938110 | -2.938110 | -2.476103 | -2.476103 | -1.069537 | -1.069537 | -5.420611 | -5.420611 | -5.154036 | -5.154036 | -1.501118 | -1.501118 | 0.125437 | 0.125437 | -5.588615 | -5.588615 | 0.683750 | 0.683750 | 0.860649 | 0.860649 | -0.862881 | -0.862881 | 1.528714 | 1.528714 | 1.630325 | 1.630325 | -0.852526 | -0.852526 | 0.334278 | 0.334278 | 1.683688 | 1.683688 |
| 0.087224 | 0.01468 | 0.237576 | -4.935466 | 9.447257 | 1.447514 | 1.447514 | 0.718814 | 0.718814 | 0.636719 | 0.636719 | -3.010005 | -3.010005 | 4.351701 | 4.351701 | 3.006260 | 3.006260 | -0.161204 | -3.328155 | -3.328155 | -3.328155 | -3.328155 | -3.328155 | -3.328155 | -3.328155 | -3.328155 | -3.328155 | -3.328155 | -3.328155 | -3.328155 | -3.328155 | -1.974960 | -1.974960 | -0.502432 | -0.502432 | -1.642459 | -1.642459 | 2.547261 | 2.547261 | -2.590398 | -2.590398 | 0.330856 | 0.330856 | -3.221762 | -3.221762 | 1.871803 | 1.871803 | -0.750044 | -0.750044 | -3.436970 | -3.436970 | 0.798627 | 0.798627 | -0.135712 | -0.135712 | 0.725745 | 0.725745 | -0.247407 | -0.247407 | 1.673088 | 1.673088 |
| 0.085671 | 0.014731 | -0.900501 | -1.145824 | 2.145081 | 1.948989 | 1.948989 | 1.859312 | 1.859312 | 2.655277 | 2.655277 | -3.391465 | -3.391465 | 5.999794 | 5.999794 | 2.167937 | 2.167937 | -0.163265 | -2.667219 | -2.667219 | -2.667219 | -2.667219 | -2.667219 | -2.667219 | -2.667219 | -2.667219 | -2.667219 | -2.667219 | -2.667219 | -2.667219 | -2.667219 | -1.363071 | -1.363071 | 1.956496 | 1.956496 | 1.765936 | 1.765936 | 3.854702 | 3.854702 | -1.396224 | -1.396224 | 1.489230 | 1.489230 | 8.490348 | 8.490348 | 3.180816 | 3.180816 | -1.642000 | -1.642000 | 0.134141 | 0.134141 | 2.838678 | 2.838678 | -0.014817 | -0.014817 | -1.351989 | -1.351989 | 1.075912 | 1.075912 | 1.043428 | 1.043428 |
| 0.084118 | 0.014783 | -4.611902 | 2.442692 | 2.833069 | 3.072998 | 3.072998 | 3.912045 | 3.912045 | 2.603613 | 2.603613 | 1.196889 | 1.196889 | 4.001606 | 4.001606 | 3.006367 | 3.006367 | 1.619228 | -0.847616 | -0.847616 | -0.847616 | -0.847616 | -0.847616 | -0.847616 | -0.847616 | -0.847616 | -0.847616 | -0.847616 | -0.847616 | -0.847616 | -0.847616 | 0.286422 | 0.286422 | 1.302909 | 1.302909 | 4.534124 | 4.534124 | 1.505400 | 1.505400 | 1.508259 | 1.508259 | 0.900810 | 0.900810 | 4.523305 | 4.523305 | 1.926419 | 1.926419 | 0.501542 | 0.501542 | 5.793914 | 5.793914 | 2.089282 | 2.089282 | -1.996766 | -1.996766 | 0.505932 | 0.505932 | -7.734934 | -7.734934 | 0.937725 | 0.937725 |
| 0.082566 | 0.014834 | -3.487480 | 2.884401 | 0.785811 | -1.157235 | -1.157235 | -8.301316 | -8.301316 | 2.895668 | 2.895668 | 4.171040 | 4.171040 | 2.757267 | 2.757267 | -0.593892 | -0.593892 | 2.202851 | 1.576848 | 1.576848 | 1.576848 | 1.576848 | 1.576848 | 1.576848 | 1.576848 | 1.576848 | 1.576848 | 1.576848 | 1.576848 | 1.576848 | 1.576848 | 0.579667 | 0.579667 | 0.784786 | 0.784786 | 2.898198 | 2.898198 | -1.110760 | -1.110760 | 3.074497 | 3.074497 | -0.911216 | -0.911216 | -1.329355 | -1.329355 | -1.829451 | -1.829451 | 1.276946 | 1.276946 | 3.570474 | 3.570474 | 0.074350 | 0.074350 | -1.087922 | -1.087922 | -0.732053 | -0.732053 | -10.417962 | -10.417962 | 0.860173 | 0.860173 |
| 0.081013 | 0.014886 | 2.390286 | 0.961972 | -4.129136 | -3.622363 | -3.622363 | 1.755464 | 1.755464 | 3.616648 | 3.616648 | 2.125827 | 2.125827 | 0.874292 | 0.874292 | -2.526178 | -2.526178 | -1.461501 | 2.488158 | 2.488158 | 2.488158 | 2.488158 | 2.488158 | 2.488158 | 2.488158 | 2.488158 | 2.488158 | 2.488158 | 2.488158 | 2.488158 | 2.488158 | 0.672627 | 0.672627 | 1.757432 | 1.757432 | 2.325138 | 2.325138 | -1.812367 | -1.812367 | 1.766223 | 1.766223 | -1.340040 | -1.340040 | -0.652374 | -0.652374 | -1.661708 | -1.661708 | 1.360238 | 1.360238 | 0.147237 | 0.147237 | -1.296074 | -1.296074 | 0.677892 | 0.677892 | 3.352452 | 3.352452 | -0.111264 | -0.111264 | 3.179098 | 3.179098 |
| 0.080047 | 0.015503 | 5.631540 | -1.171074 | -1.286207 | -1.848745 | -1.848745 | 5.700182 | 5.700182 | 3.902894 | 3.902894 | 0.521468 | 0.521468 | 0.013837 | 0.013837 | -2.574278 | -2.574278 | -2.780296 | 1.471010 | 1.471010 | 1.471010 | 1.471010 | 1.471010 | 1.471010 | 1.471010 | 1.471010 | 1.471010 | 1.471010 | 1.471010 | 1.471010 | 1.471010 | 0.887412 | 0.887412 | 0.945157 | 0.945157 | 2.020654 | 2.020654 | -0.975035 | -0.975035 | 0.396273 | 0.396273 | -1.113127 | -1.113127 | -0.238475 | -0.238475 | -0.194584 | -0.194584 | 1.178788 | 1.178788 | -1.490193 | -1.490193 | -1.974012 | -1.974012 | 0.402291 | 0.402291 | 4.682647 | 4.682647 | 2.911977 | 2.911977 | 3.175921 | 3.175921 |
| 0.08005 | 0.017057 | 5.320148 | 0.327866 | 2.515177 | -1.326835 | -1.326835 | -1.008137 | -1.008137 | 2.755187 | 2.755187 | -0.128358 | -0.128358 | 0.297586 | 0.297586 | -1.422110 | -1.422110 | -1.653975 | 1.835795 | 1.835795 | 1.835795 | 1.835795 | 1.835795 | 1.835795 | 1.835795 | 1.835795 | 1.835795 | 1.835795 | 1.835795 | 1.835795 | 1.835795 | 1.639466 | 1.639466 | -1.551926 | -1.551926 | 1.322910 | 1.322910 | 0.312033 | 0.312033 | 0.513300 | 0.513300 | -0.758978 | -0.758978 | -0.819115 | -0.819115 | 0.099705 | 0.099705 | 1.111879 | 1.111879 | -0.961400 | -0.961400 | -1.996418 | -1.996418 | -1.715166 | -1.715166 | 3.378055 | 3.378055 | 1.799524 | 1.799524 | 0.741538 | 0.741538 |
| 0.080052 | 0.01861 | 3.387968 | 1.399792 | 2.624708 | -1.571027 | -1.571027 | -1.528031 | -1.528031 | 0.740926 | 0.740926 | -0.331396 | -0.331396 | 1.509779 | 1.509779 | -1.061994 | -1.061994 | -1.264973 | 3.439330 | 3.439330 | 3.439330 | 3.439330 | 3.439330 | 3.439330 | 3.439330 | 3.439330 | 3.439330 | 3.439330 | 3.439330 | 3.439330 | 3.439330 | 1.146658 | 1.146658 | -3.165877 | -3.165877 | 0.129246 | 0.129246 | -0.461194 | -0.461194 | 0.979374 | 0.979374 | 0.051146 | 0.051146 | -0.239863 | -0.239863 | 0.568722 | 0.568722 | -0.148537 | -0.148537 | 0.153808 | 0.153808 | -0.336983 | -0.336983 | -3.218149 | -3.218149 | 2.651787 | 2.651787 | -0.141039 | -0.141039 | -1.834515 | -1.834515 |
| 0.080055 | 0.020164 | 2.689278 | -0.637318 | 0.133022 | -0.815131 | -0.815131 | 0.606760 | 0.606760 | 1.011339 | 1.011339 | 0.339301 | 0.339301 | 0.943574 | 0.943574 | -1.603896 | -1.603896 | -0.506089 | 4.446190 | 4.446190 | 4.446190 | 4.446190 | 4.446190 | 4.446190 | 4.446190 | 4.446190 | 4.446190 | 4.446190 | 4.446190 | 4.446190 | 4.446190 | 0.205235 | 0.205235 | -2.004676 | -2.004676 | -0.565165 | -0.565165 | -2.405121 | -2.405121 | 1.073020 | 1.073020 | 0.572671 | 0.572671 | 0.163167 | 0.163167 | 0.493621 | 0.493621 | -1.123500 | -1.123500 | -0.458521 | -0.458521 | 0.238224 | 0.238224 | -0.368466 | -0.368466 | -0.258954 | -0.258954 | -1.973748 | -1.973748 | -5.013796 | -5.013796 |
| 0.080058 | 0.021717 | 1.324649 | -1.242281 | -0.686402 | 2.046402 | 2.046402 | 2.858346 | 2.858346 | 0.886788 | 0.886788 | 2.031384 | 2.031384 | 0.041584 | 0.041584 | -0.920423 | -0.920423 | -0.238583 | 3.097533 | 3.097533 | 3.097533 | 3.097533 | 3.097533 | 3.097533 | 3.097533 | 3.097533 | 3.097533 | 3.097533 | 3.097533 | 3.097533 | 3.097533 | -1.584400 | -1.584400 | 1.011426 | 1.011426 | 1.002469 | 1.002469 | -2.055191 | -2.055191 | 0.595758 | 0.595758 | 0.709847 | 0.709847 | 0.737275 | 0.737275 | -0.551786 | -0.551786 | -0.770515 | -0.770515 | -1.839103 | -1.839103 | -1.548788 | -1.548788 | 0.970210 | 0.970210 | -2.535274 | -2.535274 | -2.410774 | -2.410774 | -6.805214 | -6.805214 |
| 0.080061 | 0.023271 | 1.795653 | -0.217429 | 1.711333 | 2.508116 | 2.508116 | 2.636108 | 2.636108 | 0.396387 | 0.396387 | 0.944447 | 0.944447 | 1.732993 | 1.732993 | -0.388566 | -0.388566 | -0.445255 | 1.426131 | 1.426131 | 1.426131 | 1.426131 | 1.426131 | 1.426131 | 1.426131 | 1.426131 | 1.426131 | 1.426131 | 1.426131 | 1.426131 | 1.426131 | -0.741807 | -0.741807 | 2.492787 | 2.492787 | 0.538367 | 0.538367 | 0.208019 | 0.208019 | 0.187101 | 0.187101 | -0.031931 | -0.031931 | -0.013115 | -0.013115 | 0.105183 | 0.105183 | -0.144620 | -0.144620 | -1.993653 | -1.993653 | -0.994205 | -0.994205 | 0.195838 | 0.195838 | -3.383442 | -3.383442 | -3.393726 | -3.393726 | -4.246632 | -4.246632 |
| 0.080064 | 0.024824 | 3.046265 | 0.746798 | 1.406736 | 0.919554 | 0.919554 | -0.460486 | -0.460486 | -0.295373 | -0.295373 | -0.070923 | -0.070923 | 1.609955 | 1.609955 | -0.622164 | -0.622164 | -1.050901 | 0.196428 | 0.196428 | 0.196428 | 0.196428 | 0.196428 | 0.196428 | 0.196428 | 0.196428 | 0.196428 | 0.196428 | 0.196428 | 0.196428 | 0.196428 | 3.062638 | 3.062638 | 1.688481 | 1.688481 | 1.880377 | 1.880377 | 0.715060 | 0.715060 | 1.367381 | 1.367381 | 2.842441 | 2.842441 | -0.828178 | -0.828178 | 1.543462 | 1.543462 | 0.039879 | 0.039879 | -0.536573 | -0.536573 | 0.243272 | 0.243272 | -0.518273 | -0.518273 | -4.117882 | -4.117882 | -3.525009 | -3.525009 | -1.034764 | -1.034764 |
| 0.080067 | 0.026378 | 2.550668 | 1.159205 | 1.687652 | 0.095629 | 0.095629 | 0.270910 | 0.270910 | -1.072617 | -1.072617 | -0.690198 | -0.690198 | 1.892220 | 1.892220 | -1.242573 | -1.242573 | -0.300058 | 2.995707 | 2.995707 | 2.995707 | 2.995707 | 2.995707 | 2.995707 | 2.995707 | 2.995707 | 2.995707 | 2.995707 | 2.995707 | 2.995707 | 2.995707 | 2.974668 | 2.974668 | 1.995759 | 1.995759 | 3.388201 | 3.388201 | 1.245815 | 1.245815 | 1.459824 | 1.459824 | 1.788842 | 1.788842 | -0.875442 | -0.875442 | 1.428091 | 1.428091 | -0.044701 | -0.044701 | 0.673005 | 0.673005 | -0.723989 | -0.723989 | -1.396644 | -1.396644 | -5.647225 | -5.647225 | -2.939478 | -2.939478 | 0.873381 | 0.873381 |
| 0.08007 | 0.027931 | 2.651729 | 0.650370 | 3.475058 | -0.160185 | -0.160185 | 3.349061 | 3.349061 | -0.559600 | -0.559600 | 1.034816 | 1.034816 | 1.024273 | 1.024273 | -0.765869 | -0.765869 | 1.236909 | 1.938962 | 1.938962 | 1.938962 | 1.938962 | 1.938962 | 1.938962 | 1.938962 | 1.938962 | 1.938962 | 1.938962 | 1.938962 | 1.938962 | 1.938962 | 1.101015 | 1.101015 | 1.481062 | 1.481062 | 3.675261 | 3.675261 | 1.054358 | 1.054358 | -0.578706 | -0.578706 | 2.263672 | 2.263672 | 0.038712 | 0.038712 | 0.390476 | 0.390476 | 1.624482 | 1.624482 | 1.291825 | 1.291825 | -0.079209 | -0.079209 | -2.105051 | -2.105051 | -5.502339 | -5.502339 | -2.527280 | -2.527280 | 1.454435 | 1.454435 |
| 0.080072 | 0.029485 | 1.173198 | 0.878049 | 2.672919 | 0.662997 | 0.662997 | 3.341859 | 3.341859 | 0.329505 | 0.329505 | 2.572885 | 2.572885 | 0.620359 | 0.620359 | 0.423877 | 0.423877 | 1.070725 | -0.610984 | -0.610984 | -0.610984 | -0.610984 | -0.610984 | -0.610984 | -0.610984 | -0.610984 | -0.610984 | -0.610984 | -0.610984 | -0.610984 | -0.610984 | 1.687010 | 1.687010 | 1.554019 | 1.554019 | 2.664351 | 2.664351 | 1.439224 | 1.439224 | -0.113057 | -0.113057 | 1.759660 | 1.759660 | 0.905194 | 0.905194 | 0.567363 | 0.567363 | 3.822531 | 3.822531 | 1.843849 | 1.843849 | -0.811656 | -0.811656 | -1.945216 | -1.945216 | -4.278635 | -4.278635 | -1.315254 | -1.315254 | 0.718368 | 0.718368 |
| 0.080075 | 0.031038 | 0.369632 | 0.800169 | 1.452574 | 1.426116 | 1.426116 | -1.466493 | -1.466493 | 0.260273 | 0.260273 | 2.545145 | 2.545145 | 1.048962 | 1.048962 | 2.295381 | 2.295381 | -0.738466 | -1.117849 | -1.117849 | -1.117849 | -1.117849 | -1.117849 | -1.117849 | -1.117849 | -1.117849 | -1.117849 | -1.117849 | -1.117849 | -1.117849 | -1.117849 | -0.232398 | -0.232398 | 2.781404 | 2.781404 | 0.879768 | 0.879768 | 2.247282 | 2.247282 | 0.814337 | 0.814337 | 0.301844 | 0.301844 | 0.396695 | 0.396695 | 0.289787 | 0.289787 | 1.342732 | 1.342732 | 0.692078 | 0.692078 | -1.692793 | -1.692793 | -2.044867 | -2.044867 | -2.931770 | -2.931770 | -0.508543 | -0.508543 | -1.212852 | -1.212852 |
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| 0.080084 | 0.035699 | -0.184911 | -0.860070 | -1.674540 | 0.257414 | 0.257414 | 0.724808 | 0.724808 | 1.335336 | 1.335336 | 1.070862 | 1.070862 | 0.727205 | 0.727205 | -3.093848 | -3.093848 | 0.813339 | 0.891940 | 0.891940 | 0.891940 | 0.891940 | 0.891940 | 0.891940 | 0.891940 | 0.891940 | 0.891940 | 0.891940 | 0.891940 | 0.891940 | 0.891940 | 0.820553 | 0.820553 | -0.296864 | -0.296864 | 0.110728 | 0.110728 | 0.182299 | 0.182299 | -0.316239 | -0.316239 | 0.797442 | 0.797442 | 1.515836 | 1.515836 | 1.210872 | 1.210872 | 1.989370 | 1.989370 | -1.600893 | -1.600893 | -1.818540 | -1.818540 | -0.409330 | -0.409330 | -0.463903 | -0.463903 | -2.796962 | -2.796962 | -2.422041 | -2.422041 |
| 0.080087 | 0.037252 | -0.178333 | -1.187813 | -1.152554 | 1.140504 | 1.140504 | 2.180768 | 2.180768 | -0.292109 | -0.292109 | 0.106059 | 0.106059 | 0.490291 | 0.490291 | -2.179279 | -2.179279 | 0.952913 | 0.881550 | 0.881550 | 0.881550 | 0.881550 | 0.881550 | 0.881550 | 0.881550 | 0.881550 | 0.881550 | 0.881550 | 0.881550 | 0.881550 | 0.881550 | 1.197114 | 1.197114 | -0.085989 | -0.085989 | 2.010256 | 2.010256 | -0.172035 | -0.172035 | -2.379879 | -2.379879 | 1.831881 | 1.831881 | 3.114341 | 3.114341 | 0.715307 | 0.715307 | 2.024054 | 2.024054 | -1.444568 | -1.444568 | 0.033902 | 0.033902 | 0.774304 | 0.774304 | -1.372730 | -1.372730 | -2.601933 | -2.601933 | 0.227296 | 0.227296 |
| 0.080089 | 0.038806 | -1.474985 | -0.787389 | -1.084505 | 1.084402 | 1.084402 | 2.972938 | 2.972938 | -0.623617 | -0.623617 | -0.428015 | -0.428015 | 1.501727 | 1.501727 | -1.063357 | -1.063357 | -0.839751 | 0.492814 | 0.492814 | 0.492814 | 0.492814 | 0.492814 | 0.492814 | 0.492814 | 0.492814 | 0.492814 | 0.492814 | 0.492814 | 0.492814 | 0.492814 | -0.331556 | -0.331556 | 0.499647 | 0.499647 | 2.264909 | 2.264909 | -1.714751 | -1.714751 | -1.325112 | -1.325112 | 3.791119 | 3.791119 | 3.217204 | 3.217204 | 1.714370 | 1.714370 | -0.367183 | -0.367183 | -0.505354 | -0.505354 | 0.415249 | 0.415249 | -0.815871 | -0.815871 | -1.013149 | -1.013149 | -1.203037 | -1.203037 | 2.853106 | 2.853106 |
| 0.080092 | 0.040359 | -0.834525 | 0.351050 | 0.516928 | 0.793132 | 0.793132 | 1.884519 | 1.884519 | 0.223042 | 0.223042 | -0.472197 | -0.472197 | -0.088056 | -0.088056 | -0.863644 | -0.863644 | -0.891890 | 0.063980 | 0.063980 | 0.063980 | 0.063980 | 0.063980 | 0.063980 | 0.063980 | 0.063980 | 0.063980 | 0.063980 | 0.063980 | 0.063980 | 0.063980 | -0.180975 | -0.180975 | 1.429553 | 1.429553 | 1.312293 | 1.312293 | 0.146959 | 0.146959 | 2.698130 | 2.698130 | 3.222008 | 3.222008 | 2.615216 | 2.615216 | -0.293924 | -0.293924 | -1.335027 | -1.335027 | -1.001070 | -1.001070 | 0.273206 | 0.273206 | -0.291460 | -0.291460 | 0.054108 | 0.054108 | 0.928237 | 0.928237 | 4.123460 | 4.123460 |
| 0.080095 | 0.041913 | 0.470630 | 0.393128 | 1.125823 | 0.945791 | 0.945791 | 1.534391 | 1.534391 | 1.031050 | 1.031050 | -0.309721 | -0.309721 | -0.902245 | -0.902245 | -2.538751 | -2.538751 | -0.154773 | -0.420883 | -0.420883 | -0.420883 | -0.420883 | -0.420883 | -0.420883 | -0.420883 | -0.420883 | -0.420883 | -0.420883 | -0.420883 | -0.420883 | -0.420883 | 1.744798 | 1.744798 | 1.473521 | 1.473521 | 0.259186 | 0.259186 | 1.027607 | 1.027607 | 4.417907 | 4.417907 | 2.117867 | 2.117867 | 1.466317 | 1.466317 | -0.635274 | -0.635274 | -0.591383 | -0.591383 | -1.272650 | -1.272650 | 0.208910 | 0.208910 | -0.110320 | -0.110320 | -0.166372 | -0.166372 | 3.403706 | 3.403706 | 0.819123 | 0.819123 |
| 0.080098 | 0.043466 | 1.443913 | 0.973616 | 2.054801 | 2.951467 | 2.951467 | 1.597408 | 1.597408 | 0.590990 | 0.590990 | -0.887780 | -0.887780 | -1.930282 | -1.930282 | -2.794472 | -2.794472 | -1.540425 | -0.284108 | -0.284108 | -0.284108 | -0.284108 | -0.284108 | -0.284108 | -0.284108 | -0.284108 | -0.284108 | -0.284108 | -0.284108 | -0.284108 | -0.284108 | 1.894347 | 1.894347 | 0.358364 | 0.358364 | -0.277948 | -0.277948 | 1.763240 | 1.763240 | 3.295973 | 3.295973 | 2.148856 | 2.148856 | 0.020695 | 0.020695 | -1.039605 | -1.039605 | 0.565224 | 0.565224 | -0.869197 | -0.869197 | 0.954898 | 0.954898 | -1.078395 | -1.078395 | 1.391161 | 1.391161 | 2.444221 | 2.444221 | -1.812292 | -1.812292 |
| 0.080101 | 0.04502 | 1.018129 | 2.199021 | 1.715740 | 1.794469 | 1.794469 | 0.280564 | 0.280564 | -0.794030 | -0.794030 | -1.441116 | -1.441116 | -2.173367 | -2.173367 | -2.047718 | -2.047718 | -1.842563 | 0.185218 | 0.185218 | 0.185218 | 0.185218 | 0.185218 | 0.185218 | 0.185218 | 0.185218 | 0.185218 | 0.185218 | 0.185218 | 0.185218 | 0.185218 | -0.113007 | -0.113007 | -0.468210 | -0.468210 | -0.559731 | -0.559731 | 1.451926 | 1.451926 | 3.369008 | 3.369008 | 1.469741 | 1.469741 | -1.152686 | -1.152686 | -0.828444 | -0.828444 | 1.760797 | 1.760797 | -1.008009 | -1.008009 | 1.876480 | 1.876480 | -0.019980 | -0.019980 | 1.444182 | 1.444182 | 0.870001 | 0.870001 | -1.947655 | -1.947655 |
| 0.080104 | 0.046573 | 0.396010 | 2.701613 | -0.241609 | 1.774345 | 1.774345 | -0.404040 | -0.404040 | -2.242218 | -2.242218 | -2.177688 | -2.177688 | -2.226343 | -2.226343 | -1.274450 | -1.274450 | -0.052157 | 0.265372 | 0.265372 | 0.265372 | 0.265372 | 0.265372 | 0.265372 | 0.265372 | 0.265372 | 0.265372 | 0.265372 | 0.265372 | 0.265372 | 0.265372 | -0.694887 | -0.694887 | -0.356712 | -0.356712 | 1.523025 | 1.523025 | 1.896448 | 1.896448 | 1.369917 | 1.369917 | 0.720436 | 0.720436 | -0.410099 | -0.410099 | -0.716506 | -0.716506 | -0.169609 | -0.169609 | -0.122900 | -0.122900 | 2.265082 | 2.265082 | 2.213963 | 2.213963 | 0.945329 | 0.945329 | -0.283535 | -0.283535 | -1.850628 | -1.850628 |
| 0.080106 | 0.048127 | -0.799070 | 1.096374 | -0.344347 | 1.091675 | 1.091675 | -0.488286 | -0.488286 | -2.424216 | -2.424216 | -2.680976 | -2.680976 | -1.350686 | -1.350686 | -1.286980 | -1.286980 | 0.355903 | -0.207209 | -0.207209 | -0.207209 | -0.207209 | -0.207209 | -0.207209 | -0.207209 | -0.207209 | -0.207209 | -0.207209 | -0.207209 | -0.207209 | -0.207209 | -1.210319 | -1.210319 | 1.110387 | 1.110387 | 2.750418 | 2.750418 | 2.144191 | 2.144191 | -0.348849 | -0.348849 | 0.172414 | 0.172414 | -0.373885 | -0.373885 | 0.037873 | 0.037873 | -1.524492 | -1.524492 | 1.431258 | 1.431258 | 2.503439 | 2.503439 | 3.102715 | 3.102715 | -0.743766 | -0.743766 | -1.292773 | -1.292773 | -2.252852 | -2.252852 |
| 0.080109 | 0.04968 | -1.467672 | 0.138340 | 1.104894 | 0.899421 | 0.899421 | -0.824054 | -0.824054 | -1.936511 | -1.936511 | -1.869066 | -1.869066 | -0.525542 | -0.525542 | -1.638647 | -1.638647 | 0.293857 | -0.742076 | -0.742076 | -0.742076 | -0.742076 | -0.742076 | -0.742076 | -0.742076 | -0.742076 | -0.742076 | -0.742076 | -0.742076 | -0.742076 | -0.742076 | -1.210976 | -1.210976 | 2.355985 | 2.355985 | 2.646148 | 2.646148 | 1.174130 | 1.174130 | -0.779731 | -0.779731 | 0.582437 | 0.582437 | -0.203567 | -0.203567 | 0.427804 | 0.427804 | -0.206198 | -0.206198 | 1.306340 | 1.306340 | 2.619411 | 2.619411 | 2.182798 | 2.182798 | -1.510711 | -1.510711 | -2.311264 | -2.311264 | -2.569989 | -2.569989 |
| 0.080112 | 0.051234 | -0.872764 | -0.107672 | 1.160090 | -0.023790 | -0.023790 | -1.444271 | -1.444271 | -1.285060 | -1.285060 | -0.778136 | -0.778136 | -0.653699 | -0.653699 | -1.318757 | -1.318757 | -0.017034 | -0.502581 | -0.502581 | -0.502581 | -0.502581 | -0.502581 | -0.502581 | -0.502581 | -0.502581 | -0.502581 | -0.502581 | -0.502581 | -0.502581 | -0.502581 | 0.026802 | 0.026802 | 2.323650 | 2.323650 | 1.412996 | 1.412996 | -0.395686 | -0.395686 | -0.542482 | -0.542482 | 0.345910 | 0.345910 | -0.321681 | -0.321681 | 0.416099 | 0.416099 | 2.243989 | 2.243989 | 1.008368 | 1.008368 | 2.059271 | 2.059271 | -0.504605 | -0.504605 | -0.743289 | -0.743289 | -2.009765 | -2.009765 | -1.176324 | -1.176324 |
| 0.080115 | 0.052787 | -0.326495 | 0.663037 | 0.954976 | -1.173733 | -1.173733 | -2.095582 | -2.095582 | -0.652553 | -0.652553 | -0.850372 | -0.850372 | -1.626661 | -1.626661 | -0.670387 | -0.670387 | -0.886397 | 0.251092 | 0.251092 | 0.251092 | 0.251092 | 0.251092 | 0.251092 | 0.251092 | 0.251092 | 0.251092 | 0.251092 | 0.251092 | 0.251092 | 0.251092 | 0.591898 | 0.591898 | 2.065624 | 2.065624 | 0.456137 | 0.456137 | -0.797549 | -0.797549 | -0.137938 | -0.137938 | -0.364412 | -0.364412 | -0.418417 | -0.418417 | 2.326191 | 2.326191 | 3.350224 | 3.350224 | 1.367921 | 1.367921 | 0.501787 | 0.501787 | -2.039895 | -2.039895 | -0.168724 | -0.168724 | -1.477021 | -1.477021 | 0.832801 | 0.832801 |
| 0.080118 | 0.054341 | -0.060451 | 1.206443 | 0.352525 | -1.680591 | -1.680591 | -1.351720 | -1.351720 | -0.566172 | -0.566172 | -0.339574 | -0.339574 | -1.483015 | -1.483015 | -0.400099 | -0.400099 | -1.012502 | 1.367437 | 1.367437 | 1.367437 | 1.367437 | 1.367437 | 1.367437 | 1.367437 | 1.367437 | 1.367437 | 1.367437 | 1.367437 | 1.367437 | 1.367437 | 0.836896 | 0.836896 | 1.521839 | 1.521839 | 0.239906 | 0.239906 | -0.405153 | -0.405153 | 0.513076 | 0.513076 | 0.187676 | 0.187676 | 0.607063 | 0.607063 | 3.923407 | 3.923407 | 2.953757 | 2.953757 | 0.212305 | 0.212305 | -1.536802 | -1.536802 | -3.197169 | -3.197169 | 0.216063 | 0.216063 | -1.659673 | -1.659673 | 0.219762 | 0.219762 |
| 0.080121 | 0.055894 | -1.499060 | 1.301877 | -0.202389 | -1.329757 | -1.329757 | 0.388987 | 0.388987 | -0.073512 | -0.073512 | 0.411723 | 0.411723 | -0.254575 | -0.254575 | -0.649683 | -0.649683 | -0.936957 | 2.795562 | 2.795562 | 2.795562 | 2.795562 | 2.795562 | 2.795562 | 2.795562 | 2.795562 | 2.795562 | 2.795562 | 2.795562 | 2.795562 | 2.795562 | 0.583648 | 0.583648 | 0.740633 | 0.740633 | -0.414119 | -0.414119 | 0.141446 | 0.141446 | 1.309736 | 1.309736 | 0.113853 | 0.113853 | 1.745560 | 1.745560 | 3.005154 | 3.005154 | 1.843676 | 1.843676 | -0.634214 | -0.634214 | -3.200582 | -3.200582 | -3.367335 | -3.367335 | 0.092955 | 0.092955 | -1.497696 | -1.497696 | -0.754314 | -0.754314 |
| 0.080124 | 0.057448 | -1.204980 | 0.161507 | 0.415517 | 0.488569 | 0.488569 | 1.060354 | 1.060354 | 0.047450 | 0.047450 | 0.586977 | 0.586977 | 0.391464 | 0.391464 | -1.129436 | -1.129436 | -0.929771 | 2.673779 | 2.673779 | 2.673779 | 2.673779 | 2.673779 | 2.673779 | 2.673779 | 2.673779 | 2.673779 | 2.673779 | 2.673779 | 2.673779 | 2.673779 | 0.444655 | 0.444655 | -0.277288 | -0.277288 | -1.573217 | -1.573217 | 0.774717 | 0.774717 | 1.315210 | 1.315210 | -0.525138 | -0.525138 | 1.848364 | 1.848364 | 1.980707 | 1.980707 | 1.297118 | 1.297118 | -0.295872 | -0.295872 | -3.002331 | -3.002331 | -2.457679 | -2.457679 | -0.731788 | -0.731788 | -1.612994 | -1.612994 | -0.694356 | -0.694356 |
| 0.080126 | 0.059001 | 1.071374 | 0.060176 | 1.366112 | 1.761966 | 1.761966 | 0.148776 | 0.148776 | 0.009294 | 0.009294 | 0.613462 | 0.613462 | 0.677289 | 0.677289 | -1.624036 | -1.624036 | -0.791019 | 0.576239 | 0.576239 | 0.576239 | 0.576239 | 0.576239 | 0.576239 | 0.576239 | 0.576239 | 0.576239 | 0.576239 | 0.576239 | 0.576239 | 0.576239 | 0.051201 | 0.051201 | -1.349958 | -1.349958 | -0.623387 | -0.623387 | 1.243097 | 1.243097 | 0.517291 | 0.517291 | 0.416779 | 0.416779 | 1.549246 | 1.549246 | 1.981736 | 1.981736 | 0.994340 | 0.994340 | -0.653452 | -0.653452 | -1.275915 | -1.275915 | -1.568943 | -1.568943 | -1.737794 | -1.737794 | -1.895197 | -1.895197 | -0.865628 | -0.865628 |
| 0.080129 | 0.060555 | 1.902187 | 1.720066 | 2.072289 | 1.256381 | 1.256381 | -0.516790 | -0.516790 | 0.894543 | 0.894543 | 0.102855 | 0.102855 | 0.634318 | 0.634318 | -1.571254 | -1.571254 | -0.284474 | -0.601609 | -0.601609 | -0.601609 | -0.601609 | -0.601609 | -0.601609 | -0.601609 | -0.601609 | -0.601609 | -0.601609 | -0.601609 | -0.601609 | -0.601609 | -0.565847 | -0.565847 | -0.111947 | -0.111947 | 2.071180 | 2.071180 | 1.245219 | 1.245219 | -0.099390 | -0.099390 | 1.519337 | 1.519337 | 1.164425 | 1.164425 | 1.605457 | 1.605457 | 0.502230 | 0.502230 | -1.470454 | -1.470454 | -0.539542 | -0.539542 | -0.667260 | -0.667260 | -3.166213 | -3.166213 | -2.490614 | -2.490614 | -1.604963 | -1.604963 |
| 0.080132 | 0.062108 | 1.993189 | 3.330085 | 2.342989 | 1.319069 | 1.319069 | 0.610532 | 0.610532 | 1.184216 | 1.184216 | -0.770105 | -0.770105 | -0.043601 | -0.043601 | -0.349344 | -0.349344 | 0.709579 | -0.547808 | -0.547808 | -0.547808 | -0.547808 | -0.547808 | -0.547808 | -0.547808 | -0.547808 | -0.547808 | -0.547808 | -0.547808 | -0.547808 | -0.547808 | 0.286952 | 0.286952 | 1.947140 | 1.947140 | 3.349175 | 3.349175 | 0.505588 | 0.505588 | -1.258777 | -1.258777 | 0.818233 | 0.818233 | 0.776510 | 0.776510 | 0.733560 | 0.733560 | 0.500189 | 0.500189 | -1.145484 | -1.145484 | -1.081288 | -1.081288 | -0.747353 | -0.747353 | -3.513484 | -3.513484 | -3.796698 | -3.796698 | -1.532060 | -1.532060 |
| 0.080135 | 0.063662 | 2.220972 | 3.936194 | 2.134084 | 2.060417 | 2.060417 | 1.667604 | 1.667604 | -0.341937 | -0.341937 | -0.533792 | -0.533792 | -0.171334 | -0.171334 | 1.198029 | 1.198029 | 1.224063 | 0.378961 | 0.378961 | 0.378961 | 0.378961 | 0.378961 | 0.378961 | 0.378961 | 0.378961 | 0.378961 | 0.378961 | 0.378961 | 0.378961 | 0.378961 | 0.865041 | 0.865041 | 1.268350 | 1.268350 | 2.874777 | 2.874777 | -1.187899 | -1.187899 | -1.955847 | -1.955847 | 0.020624 | 0.020624 | 1.516949 | 1.516949 | 0.123205 | 0.123205 | 0.104305 | 0.104305 | 0.222255 | 0.222255 | -0.253949 | -0.253949 | -2.250757 | -2.250757 | -2.439339 | -2.439339 | -3.936355 | -3.936355 | -0.294682 | -0.294682 |
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| 0.080141 | 0.066769 | 2.278275 | 1.981009 | 0.195992 | -0.398855 | -0.398855 | -0.072651 | -0.072651 | -1.277159 | -1.277159 | 0.413107 | 0.413107 | 1.390331 | 1.390331 | -0.551272 | -0.551272 | 0.580790 | 0.624352 | 0.624352 | 0.624352 | 0.624352 | 0.624352 | 0.624352 | 0.624352 | 0.624352 | 0.624352 | 0.624352 | 0.624352 | 0.624352 | 0.624352 | 0.370167 | 0.370167 | 1.635260 | 1.635260 | 0.848013 | 0.848013 | -0.268990 | -0.268990 | 4.091734 | 4.091734 | 3.877397 | 3.877397 | 0.834262 | 0.834262 | 0.711104 | 0.711104 | -0.435198 | -0.435198 | 0.239458 | 0.239458 | -2.464482 | -2.464482 | -4.484268 | -4.484268 | -1.636197 | -1.636197 | 0.499268 | 0.499268 | 1.139631 | 1.139631 |
| 0.080143 | 0.068322 | 0.933098 | 0.433839 | 0.235896 | -1.222869 | -1.222869 | -0.416363 | -0.416363 | 0.348987 | 0.348987 | 0.598946 | 0.598946 | 0.678418 | 0.678418 | -1.258816 | -1.258816 | 0.711103 | 1.802875 | 1.802875 | 1.802875 | 1.802875 | 1.802875 | 1.802875 | 1.802875 | 1.802875 | 1.802875 | 1.802875 | 1.802875 | 1.802875 | 1.802875 | 0.935700 | 0.935700 | 2.522866 | 2.522866 | -0.894809 | -0.894809 | 2.525500 | 2.525500 | 3.478046 | 3.478046 | 4.983726 | 4.983726 | -0.152725 | -0.152725 | -1.259794 | -1.259794 | -0.841610 | -0.841610 | -2.564775 | -2.564775 | -5.331325 | -5.331325 | -2.877786 | -2.877786 | 0.230281 | 0.230281 | 3.601777 | 3.601777 | 0.702584 | 0.702584 |
| 0.080146 | 0.069876 | -0.955562 | -0.581059 | -0.543479 | -1.688799 | -1.688799 | -0.839437 | -0.839437 | 1.319495 | 1.319495 | 0.967994 | 0.967994 | 0.994544 | 0.994544 | -0.419856 | -0.419856 | 1.198580 | 2.122499 | 2.122499 | 2.122499 | 2.122499 | 2.122499 | 2.122499 | 2.122499 | 2.122499 | 2.122499 | 2.122499 | 2.122499 | 2.122499 | 2.122499 | 1.955549 | 1.955549 | 0.225276 | 0.225276 | 3.501377 | 3.501377 | 2.517900 | 2.517900 | 2.386724 | 2.386724 | 3.001523 | 3.001523 | -0.906683 | -0.906683 | -3.508035 | -3.508035 | -1.831821 | -1.831821 | -5.049386 | -5.049386 | -3.829751 | -3.829751 | 0.146636 | 0.146636 | 0.518330 | 0.518330 | 1.451450 | 1.451450 | 0.235721 | 0.235721 |
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| 0.080152 | 0.072983 | -2.362529 | -1.749864 | -1.403809 | -1.164194 | -1.164194 | 0.409173 | 0.409173 | 1.598731 | 1.598731 | 3.614416 | 3.614416 | 1.921808 | 1.921808 | 1.764321 | 1.764321 | 2.642609 | 0.481580 | 0.481580 | 0.481580 | 0.481580 | 0.481580 | 0.481580 | 0.481580 | 0.481580 | 0.481580 | 0.481580 | 0.481580 | 0.481580 | 0.481580 | 1.478489 | 1.478489 | 1.574064 | 1.574064 | 1.871486 | 1.871486 | 3.889827 | 3.889827 | 1.142575 | 1.142575 | 0.242113 | 0.242113 | -4.056344 | -4.056344 | -3.614598 | -3.614598 | -2.251145 | -2.251145 | -2.870699 | -2.870699 | 0.484434 | 0.484434 | 1.588526 | 1.588526 | 0.458417 | 0.458417 | -1.490244 | -1.490244 | -4.782130 | -4.782130 |
| 0.080155 | 0.074536 | 0.736964 | -0.857446 | -0.789732 | -1.735321 | -1.735321 | 1.298863 | 1.298863 | 1.564937 | 1.564937 | 4.174372 | 4.174372 | 2.187041 | 2.187041 | 0.626972 | 0.626972 | 3.042625 | 0.754974 | 0.754974 | 0.754974 | 0.754974 | 0.754974 | 0.754974 | 0.754974 | 0.754974 | 0.754974 | 0.754974 | 0.754974 | 0.754974 | 0.754974 | 4.606564 | 4.606564 | 1.711236 | 1.711236 | -0.397427 | -0.397427 | 2.852449 | 2.852449 | 0.433176 | 0.433176 | -1.526744 | -1.526744 | -5.741139 | -5.741139 | -2.488144 | -2.488144 | -0.372000 | -0.372000 | -0.820219 | -0.820219 | -0.155169 | -0.155169 | 1.572583 | 1.572583 | -0.761823 | -0.761823 | -3.719813 | -3.719813 | -6.923333 | -6.923333 |
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| 0.080161 | 0.077643 | -0.674038 | -0.743826 | -1.265045 | 0.762952 | 0.762952 | 4.074585 | 4.074585 | 2.224097 | 2.224097 | -0.481574 | -0.481574 | 1.847979 | 1.847979 | 0.704080 | 0.704080 | 0.978030 | 3.852339 | 3.852339 | 3.852339 | 3.852339 | 3.852339 | 3.852339 | 3.852339 | 3.852339 | 3.852339 | 3.852339 | 3.852339 | 3.852339 | 3.852339 | -0.778814 | -0.778814 | 0.787217 | 0.787217 | -1.131912 | -1.131912 | -1.870792 | -1.870792 | -3.831357 | -3.831357 | -4.519190 | -4.519190 | -2.485717 | -2.485717 | -1.542985 | -1.542985 | -0.170502 | -0.170502 | 0.786315 | 0.786315 | 0.075215 | 0.075215 | -0.274421 | -0.274421 | -3.658379 | -3.658379 | -5.731017 | -5.731017 | -2.792776 | -2.792776 |
| 0.080163 | 0.079197 | -2.076701 | -0.492637 | -0.658672 | 2.560268 | 2.560268 | 4.222090 | 4.222090 | 0.621140 | 0.621140 | 0.081128 | 0.081128 | 1.424604 | 1.424604 | -1.930808 | -1.930808 | -1.030253 | 1.672121 | 1.672121 | 1.672121 | 1.672121 | 1.672121 | 1.672121 | 1.672121 | 1.672121 | 1.672121 | 1.672121 | 1.672121 | 1.672121 | 1.672121 | 0.239478 | 0.239478 | 0.711430 | 0.711430 | -1.834001 | -1.834001 | -3.266616 | -3.266616 | -3.967079 | -3.967079 | -3.594010 | -3.594010 | -1.175799 | -1.175799 | -0.614246 | -0.614246 | 0.070694 | 0.070694 | -0.083222 | -0.083222 | 0.136141 | 0.136141 | -0.052625 | -0.052625 | -4.807892 | -4.807892 | -3.443885 | -3.443885 | -0.435810 | -0.435810 |
| 0.080166 | 0.08075 | -0.652630 | 0.143153 | -0.290859 | 5.165240 | 5.165240 | 2.842271 | 2.842271 | 0.181111 | 0.181111 | 1.620093 | 1.620093 | 0.590452 | 0.590452 | -1.697074 | -1.697074 | 0.054225 | -0.505996 | -0.505996 | -0.505996 | -0.505996 | -0.505996 | -0.505996 | -0.505996 | -0.505996 | -0.505996 | -0.505996 | -0.505996 | -0.505996 | -0.505996 | 1.925506 | 1.925506 | -0.549707 | -0.549707 | -2.326815 | -2.326815 | -4.393349 | -4.393349 | -3.333697 | -3.333697 | -2.838131 | -2.838131 | -1.223075 | -1.223075 | 0.217393 | 0.217393 | -0.622474 | -0.622474 | 0.726854 | 0.726854 | 0.996622 | 0.996622 | -2.407959 | -2.407959 | -1.686906 | -1.686906 | -1.463952 | -1.463952 | 0.150855 | 0.150855 |
| 0.080169 | 0.082304 | -0.946397 | 2.836196 | 2.176010 | 8.249956 | 8.249956 | 0.201903 | 0.201903 | -0.998570 | -0.998570 | -0.200700 | -0.200700 | 1.451894 | 1.451894 | -0.716933 | -0.716933 | 1.474597 | -0.912744 | -0.912744 | -0.912744 | -0.912744 | -0.912744 | -0.912744 | -0.912744 | -0.912744 | -0.912744 | -0.912744 | -0.912744 | -0.912744 | -0.912744 | 1.345389 | 1.345389 | -3.792244 | -3.792244 | -3.691900 | -3.691900 | -4.000487 | -4.000487 | -2.612554 | -2.612554 | -1.583171 | -1.583171 | -0.914690 | -0.914690 | -0.044268 | -0.044268 | -0.215641 | -0.215641 | 0.765951 | 0.765951 | 1.125907 | 1.125907 | -2.750657 | -2.750657 | -2.115331 | -2.115331 | -1.657563 | -1.657563 | 0.217295 | 0.217295 |
| 0.080172 | 0.083857 | 1.080035 | 4.786637 | 3.756523 | 2.421867 | 2.421867 | 1.405574 | 1.405574 | -0.715327 | -0.715327 | 0.662073 | 0.662073 | 2.949660 | 2.949660 | 1.034600 | 1.034600 | 2.435645 | -2.214916 | -2.214916 | -2.214916 | -2.214916 | -2.214916 | -2.214916 | -2.214916 | -2.214916 | -2.214916 | -2.214916 | -2.214916 | -2.214916 | -2.214916 | -2.544222 | -2.544222 | -4.633504 | -4.633504 | -5.374534 | -5.374534 | -2.339811 | -2.339811 | -0.480061 | -0.480061 | -0.597004 | -0.597004 | -1.177234 | -1.177234 | -0.990763 | -0.990763 | -1.136226 | -1.136226 | -0.169534 | -0.169534 | 1.182490 | 1.182490 | -0.361271 | -0.361271 | -1.470778 | -1.470778 | -2.399286 | -2.399286 | -0.336223 | -0.336223 |
| 0.080986 | 0.084626 | 0.337319 | 3.790174 | 3.156687 | 1.494198 | 1.494198 | 1.065889 | 1.065889 | -1.122228 | -1.122228 | 1.184452 | 1.184452 | 2.045335 | 2.045335 | 2.339793 | 2.339793 | 3.194186 | -1.709815 | -1.709815 | -1.709815 | -1.709815 | -1.709815 | -1.709815 | -1.709815 | -1.709815 | -1.709815 | -1.709815 | -1.709815 | -1.709815 | -1.709815 | -2.603661 | -2.603661 | -3.520346 | -3.520346 | -3.986707 | -3.986707 | -2.010010 | -2.010010 | 0.439155 | 0.439155 | -0.166127 | -0.166127 | -2.119332 | -2.119332 | -1.065546 | -1.065546 | -0.954374 | -0.954374 | -0.578189 | -0.578189 | 0.448138 | 0.448138 | 0.450389 | 0.450389 | -1.383845 | -1.383845 | -2.300656 | -2.300656 | -1.010927 | -1.010927 |
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| 0.093406 | 0.085063 | 0.715044 | 1.801636 | 0.958409 | 1.115156 | 1.115156 | 2.238913 | 2.238913 | -0.844641 | -0.844641 | -2.114730 | -2.114730 | 0.850175 | 0.850175 | -0.497390 | -0.497390 | -3.754525 | 1.535001 | 1.535001 | 1.535001 | 1.535001 | 1.535001 | 1.535001 | 1.535001 | 1.535001 | 1.535001 | 1.535001 | 1.535001 | 1.535001 | 1.535001 | -0.936658 | -0.936658 | 0.510226 | 0.510226 | -1.720132 | -1.720132 | -2.712575 | -2.712575 | -2.114388 | -2.114388 | -0.770821 | -0.770821 | -0.012431 | -0.012431 | 0.815496 | 0.815496 | 1.947106 | 1.947106 | 0.339761 | 0.339761 | -0.380560 | -0.380560 | -1.783792 | -1.783792 | -0.283593 | -0.283593 | 0.699194 | 0.699194 | 0.906415 | 0.906415 |
| 0.094959 | 0.085118 | 0.402070 | 0.416767 | 0.771885 | 2.860593 | 2.860593 | 3.996640 | 3.996640 | 1.552419 | 1.552419 | -0.134067 | -0.134067 | 0.662367 | 0.662367 | -0.894176 | -0.894176 | -1.952878 | 0.744203 | 0.744203 | 0.744203 | 0.744203 | 0.744203 | 0.744203 | 0.744203 | 0.744203 | 0.744203 | 0.744203 | 0.744203 | 0.744203 | 0.744203 | -1.054624 | -1.054624 | 0.318414 | 0.318414 | -0.290459 | -0.290459 | -2.338114 | -2.338114 | 1.041640 | 1.041640 | -0.960745 | -0.960745 | 0.633343 | 0.633343 | -0.802102 | -0.802102 | 1.487521 | 1.487521 | 0.909785 | 0.909785 | 1.807853 | 1.807853 | -0.208084 | -0.208084 | -0.444623 | -0.444623 | -0.648217 | -0.648217 | 0.323009 | 0.323009 |
| 0.096511 | 0.085173 | 0.207740 | -1.658122 | 0.950460 | 3.848951 | 3.848951 | 3.166253 | 3.166253 | -0.105170 | -0.105170 | 0.670694 | 0.670694 | 0.232218 | 0.232218 | -1.161643 | -1.161643 | -1.700479 | -0.368018 | -0.368018 | -0.368018 | -0.368018 | -0.368018 | -0.368018 | -0.368018 | -0.368018 | -0.368018 | -0.368018 | -0.368018 | -0.368018 | -0.368018 | -1.145341 | -1.145341 | 1.912836 | 1.912836 | -0.351356 | -0.351356 | -1.999895 | -1.999895 | 1.933174 | 1.933174 | -0.059229 | -0.059229 | -0.600455 | -0.600455 | 0.254170 | 0.254170 | 1.202349 | 1.202349 | -1.496258 | -1.496258 | -0.260744 | -0.260744 | 3.110149 | 3.110149 | -0.264256 | -0.264256 | -3.165086 | -3.165086 | -0.722998 | -0.722998 |
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| 0.098303 | 0.083913 | 0.603577 | -0.849465 | 0.007727 | 0.819362 | 0.819362 | 1.946148 | 1.946148 | 1.151431 | 1.151431 | 3.037097 | 3.037097 | 2.157321 | 2.157321 | -3.237152 | -3.237152 | 0.139329 | -0.115839 | -0.115839 | -0.115839 | -0.115839 | -0.115839 | -0.115839 | -0.115839 | -0.115839 | -0.115839 | -0.115839 | -0.115839 | -0.115839 | -0.115839 | 0.307717 | 0.307717 | 0.151788 | 0.151788 | -0.504076 | -0.504076 | -2.163681 | -2.163681 | -0.905970 | -0.905970 | 1.165226 | 1.165226 | -2.552104 | -2.552104 | -1.415579 | -1.415579 | 1.142931 | 1.142931 | 0.163054 | 0.163054 | -1.479491 | -1.479491 | 0.811638 | 0.811638 | 1.026629 | 1.026629 | -2.920521 | -2.920521 | -1.755329 | -1.755329 |
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| 0.098323 | 0.080806 | -0.348440 | 3.206844 | 0.240079 | 1.473082 | 1.473082 | -0.303399 | -0.303399 | 0.034747 | 0.034747 | 2.994597 | 2.994597 | 1.087819 | 1.087819 | 3.816087 | 3.816087 | 0.895287 | -1.114570 | -1.114570 | -1.114570 | -1.114570 | -1.114570 | -1.114570 | -1.114570 | -1.114570 | -1.114570 | -1.114570 | -1.114570 | -1.114570 | -1.114570 | -1.195908 | -1.195908 | 0.480902 | 0.480902 | -0.169451 | -0.169451 | -1.753420 | -1.753420 | -1.427797 | -1.427797 | -0.349846 | -0.349846 | -0.279164 | -0.279164 | -0.783135 | -0.783135 | -1.688986 | -1.688986 | -0.734591 | -0.734591 | 4.282072 | 4.282072 | 3.462413 | 3.462413 | 0.668280 | 0.668280 | 2.774163 | 2.774163 | 1.152534 | 1.152534 |
| 0.098332 | 0.079253 | -0.509892 | -0.676951 | 1.330980 | -0.649013 | -0.649013 | 1.210021 | 1.210021 | -0.792870 | -0.792870 | 1.916980 | 1.916980 | 4.152757 | 4.152757 | 3.886431 | 3.886431 | 0.669250 | -3.002102 | -3.002102 | -3.002102 | -3.002102 | -3.002102 | -3.002102 | -3.002102 | -3.002102 | -3.002102 | -3.002102 | -3.002102 | -3.002102 | -3.002102 | -1.895849 | -1.895849 | 1.098619 | 1.098619 | -0.612667 | -0.612667 | -0.623572 | -0.623572 | 1.245687 | 1.245687 | -3.000824 | -3.000824 | 1.224326 | 1.224326 | -1.453465 | -1.453465 | -2.625250 | -2.625250 | -0.881107 | -0.881107 | 3.650307 | 3.650307 | 4.490149 | 4.490149 | 0.631443 | 0.631443 | 0.490425 | 0.490425 | 0.415990 | 0.415990 |
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| 0.098361 | 0.074592 | 0.503921 | 1.162758 | 0.221068 | 0.327250 | 0.327250 | 0.255183 | 0.255183 | 0.298750 | 0.298750 | -0.036171 | -0.036171 | -1.963484 | -1.963484 | -1.390453 | -1.390453 | 0.600489 | 0.008294 | 0.008294 | 0.008294 | 0.008294 | 0.008294 | 0.008294 | 0.008294 | 0.008294 | 0.008294 | 0.008294 | 0.008294 | 0.008294 | 0.008294 | -1.307857 | -1.307857 | -3.985668 | -3.985668 | -3.290332 | -3.290332 | -0.283647 | -0.283647 | 1.761715 | 1.761715 | 2.329068 | 2.329068 | 0.465188 | 0.465188 | -0.136860 | -0.136860 | -0.745539 | -0.745539 | -2.059188 | -2.059188 | -2.859111 | -2.859111 | 0.471434 | 0.471434 | -1.511506 | -1.511506 | -1.894558 | -1.894558 | -0.290259 | -0.290259 |
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| 0.0984 | 0.068379 | -0.538898 | -1.232187 | -2.751814 | -2.696655 | -2.696655 | -0.245615 | -0.245615 | -0.822832 | -0.822832 | -0.852814 | -0.852814 | -0.404578 | -0.404578 | 0.901385 | 0.901385 | 0.226923 | 1.355638 | 1.355638 | 1.355638 | 1.355638 | 1.355638 | 1.355638 | 1.355638 | 1.355638 | 1.355638 | 1.355638 | 1.355638 | 1.355638 | 1.355638 | 0.827782 | 0.827782 | 3.644665 | 3.644665 | 2.690546 | 2.690546 | 2.213343 | 2.213343 | -1.193025 | -1.193025 | -1.506291 | -1.506291 | -0.465121 | -0.465121 | 2.090945 | 2.090945 | 2.329455 | 2.329455 | 2.160152 | 2.160152 | 1.329882 | 1.329882 | -0.823509 | -0.823509 | -3.424610 | -3.424610 | -2.929237 | -2.929237 | -1.761783 | -1.761783 |
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| 0.098468 | 0.057504 | -0.208762 | 0.473004 | -0.954298 | -0.475712 | -0.475712 | -3.243558 | -3.243558 | 0.701431 | 0.701431 | -0.462707 | -0.462707 | 0.008845 | 0.008845 | -0.255672 | -0.255672 | -1.382626 | -0.542956 | -0.542956 | -0.542956 | -0.542956 | -0.542956 | -0.542956 | -0.542956 | -0.542956 | -0.542956 | -0.542956 | -0.542956 | -0.542956 | -0.542956 | -0.264184 | -0.264184 | -1.123051 | -1.123051 | 0.589446 | 0.589446 | 1.911824 | 1.911824 | 2.191312 | 2.191312 | 5.012127 | 5.012127 | 2.258089 | 2.258089 | 1.113828 | 1.113828 | -0.591658 | -0.591658 | -0.775794 | -0.775794 | 0.192063 | 0.192063 | 0.244634 | 0.244634 | 2.399604 | 2.399604 | 1.435299 | 1.435299 | 3.154161 | 3.154161 |
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| 0.098487 | 0.054397 | 0.084947 | 0.609969 | 0.693819 | 1.209159 | 1.209159 | -1.122255 | -1.122255 | -0.691150 | -0.691150 | 0.954370 | 0.954370 | -0.544629 | -0.544629 | -0.317461 | -0.317461 | -1.995480 | -0.970940 | -0.970940 | -0.970940 | -0.970940 | -0.970940 | -0.970940 | -0.970940 | -0.970940 | -0.970940 | -0.970940 | -0.970940 | -0.970940 | -0.970940 | -1.144609 | -1.144609 | -1.487282 | -1.487282 | -0.653453 | -0.653453 | 0.064561 | 0.064561 | 1.789824 | 1.789824 | 1.067164 | 1.067164 | 2.011897 | 2.011897 | 2.992345 | 2.992345 | 1.001545 | 1.001545 | 0.756153 | 0.756153 | 1.841022 | 1.841022 | 0.538652 | 0.538652 | -0.715492 | -0.715492 | 0.528422 | 0.528422 | 1.332074 | 1.332074 |
| 0.098497 | 0.052844 | 0.415974 | 2.235404 | 1.661137 | 3.909542 | 3.909542 | 0.051585 | 0.051585 | 0.090405 | 0.090405 | 0.028846 | 0.028846 | -1.628893 | -1.628893 | -0.807029 | -0.807029 | -1.450303 | -1.740968 | -1.740968 | -1.740968 | -1.740968 | -1.740968 | -1.740968 | -1.740968 | -1.740968 | -1.740968 | -1.740968 | -1.740968 | -1.740968 | -1.740968 | -2.064654 | -2.064654 | -1.623498 | -1.623498 | -0.162021 | -0.162021 | -0.996912 | -0.996912 | 0.579648 | 0.579648 | -1.077341 | -1.077341 | 0.871757 | 0.871757 | 0.948973 | 0.948973 | 1.066427 | 1.066427 | 1.928411 | 1.928411 | 0.805930 | 0.805930 | 2.097897 | 2.097897 | -0.519143 | -0.519143 | -0.393325 | -0.393325 | 0.012979 | 0.012979 |
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| 0.098516 | 0.049737 | 1.908555 | -0.357909 | 3.326343 | -0.213029 | -0.213029 | -0.651115 | -0.651115 | -0.297955 | -0.297955 | -1.731784 | -1.731784 | -0.089219 | -0.089219 | -1.990002 | -1.990002 | -0.188724 | -1.323934 | -1.323934 | -1.323934 | -1.323934 | -1.323934 | -1.323934 | -1.323934 | -1.323934 | -1.323934 | -1.323934 | -1.323934 | -1.323934 | -1.323934 | -1.585636 | -1.585636 | -1.816786 | -1.816786 | -0.377701 | -0.377701 | -0.766306 | -0.766306 | -1.624580 | -1.624580 | -0.623268 | -0.623268 | 1.334939 | 1.334939 | -1.129691 | -1.129691 | 0.399982 | 0.399982 | 1.384490 | 1.384490 | -1.584441 | -1.584441 | 0.851843 | 0.851843 | -0.189155 | -0.189155 | -0.590596 | -0.590596 | -3.845981 | -3.845981 |
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| 0.09673 | 0.023772 | 0.164868 | 0.686838 | -0.022079 | 1.494293 | 1.494293 | 0.481731 | 0.481731 | -2.180192 | -2.180192 | -2.437889 | -2.437889 | 0.008227 | 0.008227 | -2.422965 | -2.422965 | -2.401417 | 0.880846 | 0.880846 | 0.880846 | 0.880846 | 0.880846 | 0.880846 | 0.880846 | 0.880846 | 0.880846 | 0.880846 | 0.880846 | 0.880846 | 0.880846 | -1.316554 | -1.316554 | -2.560872 | -2.560872 | 1.059601 | 1.059601 | -0.241795 | -0.241795 | -1.943570 | -1.943570 | -0.625710 | -0.625710 | -0.265348 | -0.265348 | -0.773827 | -0.773827 | -3.923261 | -3.923261 | -0.770370 | -0.770370 | -1.262305 | -1.262305 | 1.244503 | 1.244503 | 0.756482 | 0.756482 | 2.861818 | 2.861818 | 1.374050 | 1.374050 |
| 0.095177 | 0.02381 | 3.249464 | 2.061879 | 0.327144 | 2.213533 | 2.213533 | 1.059799 | 1.059799 | -1.519027 | -1.519027 | -1.297921 | -1.297921 | 0.145630 | 0.145630 | -0.341508 | -0.341508 | -0.621512 | 3.051954 | 3.051954 | 3.051954 | 3.051954 | 3.051954 | 3.051954 | 3.051954 | 3.051954 | 3.051954 | 3.051954 | 3.051954 | 3.051954 | 3.051954 | -1.584701 | -1.584701 | -1.298788 | -1.298788 | 0.887169 | 0.887169 | -1.731938 | -1.731938 | -1.247630 | -1.247630 | 1.065736 | 1.065736 | -0.613062 | -0.613062 | -0.443794 | -0.443794 | -3.431468 | -3.431468 | -1.659633 | -1.659633 | -1.760111 | -1.760111 | 1.167697 | 1.167697 | 0.304983 | 0.304983 | 1.375200 | 1.375200 | -0.771500 | -0.771500 |
| 0.093623 | 0.023848 | 2.948348 | 3.407624 | 0.684138 | 0.161343 | 0.161343 | 1.621242 | 1.621242 | -0.781903 | -0.781903 | -0.177465 | -0.177465 | 0.118485 | 0.118485 | 0.833024 | 0.833024 | 0.341194 | 2.179735 | 2.179735 | 2.179735 | 2.179735 | 2.179735 | 2.179735 | 2.179735 | 2.179735 | 2.179735 | 2.179735 | 2.179735 | 2.179735 | 2.179735 | -1.581726 | -1.581726 | -0.283635 | -0.283635 | -2.150444 | -2.150444 | -1.288175 | -1.288175 | 0.855338 | 0.855338 | 1.807707 | 1.807707 | -1.148286 | -1.148286 | -0.377326 | -0.377326 | -0.488728 | -0.488728 | -0.665308 | -0.665308 | -1.493873 | -1.493873 | 0.061899 | 0.061899 | 1.839378 | 1.839378 | -0.872045 | -0.872045 | -0.660735 | -0.660735 |
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| 0.088341 | 0.03889 | -2.666553 | -4.440559 | -3.674900 | -5.652032 | -5.652032 | -1.560192 | -1.560192 | -2.718871 | -2.718871 | -0.276081 | -0.276081 | -0.701385 | -0.701385 | -0.968609 | -0.968609 | -1.253312 | 0.505853 | 0.505853 | 0.505853 | 0.505853 | 0.505853 | 0.505853 | 0.505853 | 0.505853 | 0.505853 | 0.505853 | 0.505853 | 0.505853 | 0.505853 | -0.338070 | -0.338070 | -1.430728 | -1.430728 | -1.934744 | -1.934744 | -2.516004 | -2.516004 | -0.212559 | -0.212559 | 1.992838 | 1.992838 | 0.196832 | 0.196832 | -3.501467 | -3.501467 | -3.355467 | -3.355467 | 3.366926 | 3.366926 | 1.325618 | 1.325618 | 0.658557 | 0.658557 | -0.279629 | -0.279629 | -1.920604 | -1.920604 | 1.525759 | 1.525759 |
| 0.088341 | 0.040443 | -5.416887 | -5.920767 | -4.788696 | -4.167252 | -4.167252 | -2.265698 | -2.265698 | -1.893440 | -1.893440 | -1.668373 | -1.668373 | -1.144530 | -1.144530 | 1.098421 | 1.098421 | -1.300178 | 0.471038 | 0.471038 | 0.471038 | 0.471038 | 0.471038 | 0.471038 | 0.471038 | 0.471038 | 0.471038 | 0.471038 | 0.471038 | 0.471038 | 0.471038 | 1.456260 | 1.456260 | -1.533797 | -1.533797 | -2.485740 | -2.485740 | 1.068959 | 1.068959 | -0.035733 | -0.035733 | 1.390412 | 1.390412 | -0.820618 | -0.820618 | -3.165347 | -3.165347 | -4.153215 | -4.153215 | 2.931812 | 2.931812 | 1.199197 | 1.199197 | -0.708347 | -0.708347 | 0.944608 | 0.944608 | 1.992190 | 1.992190 | 0.646063 | 0.646063 |
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| 0.088341 | 0.045104 | -3.161416 | -2.407479 | -1.167304 | -1.805891 | -1.805891 | -1.948826 | -1.948826 | -3.600542 | -3.600542 | 0.454712 | 0.454712 | -0.043201 | -0.043201 | 0.543187 | 0.543187 | 0.780993 | 0.268769 | 0.268769 | 0.268769 | 0.268769 | 0.268769 | 0.268769 | 0.268769 | 0.268769 | 0.268769 | 0.268769 | 0.268769 | 0.268769 | 0.268769 | -0.316857 | -0.316857 | -0.251958 | -0.251958 | -1.737805 | -1.737805 | 0.720118 | 0.720118 | 0.747679 | 0.747679 | 1.620524 | 1.620524 | 0.821658 | 0.821658 | 1.272889 | 1.272889 | 2.213246 | 2.213246 | 0.155294 | 0.155294 | -0.230670 | -0.230670 | 0.366403 | 0.366403 | -0.129709 | -0.129709 | -0.779820 | -0.779820 | 1.215339 | 1.215339 |
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| 0.088341 | 0.048211 | 2.269554 | 1.052266 | 1.628098 | -3.626649 | -3.626649 | -1.028474 | -1.028474 | -2.192033 | -2.192033 | 1.911294 | 1.911294 | 0.430341 | 0.430341 | 2.648266 | 2.648266 | 2.214406 | -0.642120 | -0.642120 | -0.642120 | -0.642120 | -0.642120 | -0.642120 | -0.642120 | -0.642120 | -0.642120 | -0.642120 | -0.642120 | -0.642120 | -0.642120 | -0.033788 | -0.033788 | -0.273764 | -0.273764 | -0.512931 | -0.512931 | -1.277496 | -1.277496 | 1.194658 | 1.194658 | 0.663738 | 0.663738 | 1.229450 | 1.229450 | -0.540765 | -0.540765 | -0.812059 | -0.812059 | -1.536550 | -1.536550 | -0.419006 | -0.419006 | 0.875774 | 0.875774 | 2.193029 | 2.193029 | -0.078133 | -0.078133 | -1.066324 | -1.066324 |
| 0.088341 | 0.049764 | 2.335312 | 2.838770 | 0.158776 | -3.559634 | -3.559634 | -2.231121 | -2.231121 | -0.880708 | -0.880708 | 0.424623 | 0.424623 | 2.927415 | 2.927415 | 3.425600 | 3.425600 | 1.190102 | -0.536605 | -0.536605 | -0.536605 | -0.536605 | -0.536605 | -0.536605 | -0.536605 | -0.536605 | -0.536605 | -0.536605 | -0.536605 | -0.536605 | -0.536605 | 0.438432 | 0.438432 | 0.122792 | 0.122792 | -0.269633 | -0.269633 | -0.773584 | -0.773584 | 1.188918 | 1.188918 | 1.043789 | 1.043789 | 0.036655 | 0.036655 | -1.293756 | -1.293756 | -0.380196 | -0.380196 | -1.637912 | -1.637912 | -1.205502 | -1.205502 | 1.333766 | 1.333766 | 0.418977 | 0.418977 | 1.527222 | 1.527222 | -0.281113 | -0.281113 |
| 0.088341 | 0.051318 | 2.281211 | 1.737514 | -0.436420 | -1.014238 | -1.014238 | -2.235093 | -2.235093 | 0.570683 | 0.570683 | 3.678388 | 3.678388 | 4.119561 | 4.119561 | 2.047759 | 2.047759 | -0.316305 | 0.727671 | 0.727671 | 0.727671 | 0.727671 | 0.727671 | 0.727671 | 0.727671 | 0.727671 | 0.727671 | 0.727671 | 0.727671 | 0.727671 | 0.727671 | -0.046198 | -0.046198 | 1.644074 | 1.644074 | 0.157764 | 0.157764 | 0.245524 | 0.245524 | -0.336378 | -0.336378 | 0.459909 | 0.459909 | -0.774816 | -0.774816 | 0.239032 | 0.239032 | 0.093218 | 0.093218 | -0.392454 | -0.392454 | -1.854102 | -1.854102 | 1.856463 | 1.856463 | 0.745968 | 0.745968 | 1.643644 | 1.643644 | -0.109650 | -0.109650 |
| 0.088341 | 0.052871 | 2.533518 | -0.333294 | 0.203750 | -0.185823 | -0.185823 | -0.603734 | -0.603734 | 1.808231 | 1.808231 | 5.133724 | 5.133724 | 1.981577 | 1.981577 | 1.108386 | 1.108386 | 0.174208 | 0.268635 | 0.268635 | 0.268635 | 0.268635 | 0.268635 | 0.268635 | 0.268635 | 0.268635 | 0.268635 | 0.268635 | 0.268635 | 0.268635 | 0.268635 | -1.091107 | -1.091107 | 1.831385 | 1.831385 | 0.190970 | 0.190970 | 0.756100 | 0.756100 | -0.568922 | -0.568922 | 0.787203 | 0.787203 | -2.107332 | -2.107332 | 2.271262 | 2.271262 | -0.504212 | -0.504212 | 0.996040 | 0.996040 | -0.915524 | -0.915524 | 2.342838 | 2.342838 | 0.961277 | 0.961277 | 0.635638 | 0.635638 | -0.442481 | -0.442481 |
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| 0.088341 | 0.059085 | 0.762601 | 0.649005 | 1.028241 | -1.681411 | -1.681411 | -1.906351 | -1.906351 | 1.809035 | 1.809035 | -0.160082 | -0.160082 | 0.294149 | 0.294149 | -2.447888 | -2.447888 | -0.285179 | 0.846460 | 0.846460 | 0.846460 | 0.846460 | 0.846460 | 0.846460 | 0.846460 | 0.846460 | 0.846460 | 0.846460 | 0.846460 | 0.846460 | 0.846460 | 0.965403 | 0.965403 | 1.297758 | 1.297758 | 1.922106 | 1.922106 | -0.087062 | -0.087062 | 1.200120 | 1.200120 | -0.141835 | -0.141835 | 2.795358 | 2.795358 | -0.658240 | -0.658240 | 4.077499 | 4.077499 | 4.018818 | 4.018818 | -0.226151 | -0.226151 | 0.909543 | 0.909543 | 1.424136 | 1.424136 | 0.473605 | 0.473605 | -1.651669 | -1.651669 |
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| 0.088341 | 0.066853 | -1.795566 | -0.433626 | -1.047267 | -1.045770 | -1.045770 | -1.494951 | -1.494951 | -0.213608 | -0.213608 | -1.714111 | -1.714111 | 0.185400 | 0.185400 | 1.399970 | 1.399970 | -1.262085 | 0.351769 | 0.351769 | 0.351769 | 0.351769 | 0.351769 | 0.351769 | 0.351769 | 0.351769 | 0.351769 | 0.351769 | 0.351769 | 0.351769 | 0.351769 | -0.121933 | -0.121933 | 1.082941 | 1.082941 | 1.795199 | 1.795199 | 2.207095 | 2.207095 | 1.862130 | 1.862130 | 0.015891 | 0.015891 | 1.595218 | 1.595218 | 1.987953 | 1.987953 | 1.411371 | 1.411371 | 1.492808 | 1.492808 | -0.392063 | -0.392063 | -3.376850 | -3.376850 | -3.907296 | -3.907296 | -2.228695 | -2.228695 | -1.165129 | -1.165129 |
| 0.088341 | 0.068406 | -0.707154 | -1.340962 | -1.820144 | -1.148999 | -1.148999 | -0.847446 | -0.847446 | -1.413933 | -1.413933 | -1.104280 | -1.104280 | -0.933421 | -0.933421 | -0.218784 | -0.218784 | 0.040336 | 1.151857 | 1.151857 | 1.151857 | 1.151857 | 1.151857 | 1.151857 | 1.151857 | 1.151857 | 1.151857 | 1.151857 | 1.151857 | 1.151857 | 1.151857 | 1.661944 | 1.661944 | 0.484065 | 0.484065 | 2.068867 | 2.068867 | 0.652401 | 0.652401 | 2.599712 | 2.599712 | 0.694490 | 0.694490 | 0.020299 | 0.020299 | -0.653371 | -0.653371 | 0.714956 | 0.714956 | -1.525270 | -1.525270 | -2.655829 | -2.655829 | -5.034882 | -5.034882 | -2.853763 | -2.853763 | -1.463141 | -1.463141 | -1.221624 | -1.221624 |
| 0.088341 | 0.06996 | 0.601833 | -0.414325 | -0.200930 | -0.457090 | -0.457090 | -0.572162 | -0.572162 | -1.394513 | -1.394513 | -0.179257 | -0.179257 | -1.302224 | -1.302224 | -0.388932 | -0.388932 | 1.398809 | 1.572618 | 1.572618 | 1.572618 | 1.572618 | 1.572618 | 1.572618 | 1.572618 | 1.572618 | 1.572618 | 1.572618 | 1.572618 | 1.572618 | 1.572618 | 1.471368 | 1.471368 | -0.348845 | -0.348845 | 2.154734 | 2.154734 | 0.787980 | 0.787980 | 2.333339 | 2.333339 | 0.343873 | 0.343873 | -0.158554 | -0.158554 | -1.589163 | -1.589163 | -0.279297 | -0.279297 | -4.921967 | -4.921967 | -4.447218 | -4.447218 | -4.761491 | -4.761491 | -2.572682 | -2.572682 | -1.551699 | -1.551699 | -0.726594 | -0.726594 |
| 0.088341 | 0.071513 | 0.538215 | -0.005155 | 1.529493 | 0.441052 | 0.441052 | -0.155763 | -0.155763 | -0.693343 | -0.693343 | -0.815032 | -0.815032 | -0.697861 | -0.697861 | -0.279354 | -0.279354 | 2.697736 | 0.669207 | 0.669207 | 0.669207 | 0.669207 | 0.669207 | 0.669207 | 0.669207 | 0.669207 | 0.669207 | 0.669207 | 0.669207 | 0.669207 | 0.669207 | -0.372980 | -0.372980 | 0.203719 | 0.203719 | 1.666391 | 1.666391 | 0.957771 | 0.957771 | 0.584468 | 0.584468 | 0.131002 | 0.131002 | -0.200368 | -0.200368 | -1.979788 | -1.979788 | -2.525134 | -2.525134 | -5.009320 | -5.009320 | -4.419358 | -4.419358 | -4.240871 | -4.240871 | -3.293115 | -3.293115 | -1.011826 | -1.011826 | 0.159035 | 0.159035 |
| 0.088341 | 0.073067 | -0.331587 | -1.159168 | 1.630546 | 0.109022 | 0.109022 | 0.435800 | 0.435800 | 0.224862 | 0.224862 | -2.371825 | -2.371825 | 1.151238 | 1.151238 | -0.687769 | -0.687769 | 3.940573 | 2.052546 | 2.052546 | 2.052546 | 2.052546 | 2.052546 | 2.052546 | 2.052546 | 2.052546 | 2.052546 | 2.052546 | 2.052546 | 2.052546 | 2.052546 | -0.314293 | -0.314293 | -1.408691 | -1.408691 | 0.595110 | 0.595110 | 0.682570 | 0.682570 | -0.973381 | -0.973381 | -0.650851 | -0.650851 | -1.276343 | -1.276343 | -2.161516 | -2.161516 | -4.049361 | -4.049361 | -3.564201 | -3.564201 | -3.157220 | -3.157220 | -3.879557 | -3.879557 | -3.063954 | -3.063954 | -0.655759 | -0.655759 | 0.382703 | 0.382703 |
| 0.088341 | 0.07462 | -1.105367 | -0.422429 | 2.268608 | -0.227662 | -0.227662 | -0.104694 | -0.104694 | 0.680230 | 0.680230 | -2.368878 | -2.368878 | 1.357043 | 1.357043 | 2.823178 | 2.823178 | 0.796882 | 0.897232 | 0.897232 | 0.897232 | 0.897232 | 0.897232 | 0.897232 | 0.897232 | 0.897232 | 0.897232 | 0.897232 | 0.897232 | 0.897232 | 0.897232 | -0.594342 | -0.594342 | -1.112970 | -1.112970 | 0.514981 | 0.514981 | -0.100310 | -0.100310 | -1.069392 | -1.069392 | -1.408424 | -1.408424 | -2.029166 | -2.029166 | -2.247643 | -2.247643 | -3.557288 | -3.557288 | -0.913077 | -0.913077 | -4.044586 | -4.044586 | -3.271111 | -3.271111 | -2.138175 | -2.138175 | 0.509873 | 0.509873 | 1.102176 | 1.102176 |
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| 0.089 | 0.077098 | -0.815779 | 2.174025 | -0.272219 | 1.651317 | 1.651317 | 0.205949 | 0.205949 | 0.597281 | 0.597281 | 1.779599 | 1.779599 | 2.025542 | 2.025542 | 1.576505 | 1.576505 | 0.477362 | -1.745060 | -1.745060 | -1.745060 | -1.745060 | -1.745060 | -1.745060 | -1.745060 | -1.745060 | -1.745060 | -1.745060 | -1.745060 | -1.745060 | -1.745060 | 0.578912 | 0.578912 | 3.113875 | 3.113875 | -1.903830 | -1.903830 | 1.382021 | 1.382021 | -0.776635 | -0.776635 | -0.746779 | -0.746779 | -0.824058 | -0.824058 | -1.507379 | -1.507379 | -1.950104 | -1.950104 | 0.114799 | 0.114799 | -2.969309 | -2.969309 | -1.409413 | -1.409413 | -2.554714 | -2.554714 | -1.049136 | -1.049136 | -2.407100 | -2.407100 |
| 0.090552 | 0.077168 | -0.417739 | 1.111780 | -0.585049 | 0.240865 | 0.240865 | 0.695945 | 0.695945 | -0.024995 | -0.024995 | 1.688452 | 1.688452 | 0.684077 | 0.684077 | 1.607958 | 1.607958 | 0.927323 | -2.009703 | -2.009703 | -2.009703 | -2.009703 | -2.009703 | -2.009703 | -2.009703 | -2.009703 | -2.009703 | -2.009703 | -2.009703 | -2.009703 | -2.009703 | -0.545742 | -0.545742 | 4.365542 | 4.365542 | -0.464087 | -0.464087 | 0.793642 | 0.793642 | -0.239051 | -0.239051 | -1.090926 | -1.090926 | 0.121487 | 0.121487 | -0.436079 | -0.436079 | -1.405182 | -1.405182 | -0.780132 | -0.780132 | -1.940845 | -1.940845 | -3.989469 | -3.989469 | -2.597704 | -2.597704 | -2.291558 | -2.291558 | -2.526796 | -2.526796 |
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| 0.093949 | 0.076071 | 0.136883 | 1.423230 | 0.022378 | -0.605891 | -0.605891 | 1.532028 | 1.532028 | 1.210607 | 1.210607 | 1.588038 | 1.588038 | -0.838692 | -0.838692 | -0.022243 | -0.022243 | -0.806746 | -1.053311 | -1.053311 | -1.053311 | -1.053311 | -1.053311 | -1.053311 | -1.053311 | -1.053311 | -1.053311 | -1.053311 | -1.053311 | -1.053311 | -1.053311 | -3.410439 | -3.410439 | -0.454143 | -0.454143 | 2.601614 | 2.601614 | 4.952471 | 4.952471 | 0.802771 | 0.802771 | -0.179225 | -0.179225 | -1.450629 | -1.450629 | -1.996617 | -1.996617 | -0.122002 | -0.122002 | -0.224656 | -0.224656 | -0.832473 | -0.832473 | -0.736396 | -0.736396 | 0.708888 | 0.708888 | -1.364370 | -1.364370 | -0.286758 | -0.286758 |
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| 0.093867 | 0.060536 | -0.750722 | -0.997622 | -0.935462 | 0.276646 | 0.276646 | -1.243981 | -1.243981 | 0.017460 | 0.017460 | -1.595428 | -1.595428 | -1.399956 | -1.399956 | -0.665157 | -0.665157 | -1.396561 | -0.128332 | -0.128332 | -0.128332 | -0.128332 | -0.128332 | -0.128332 | -0.128332 | -0.128332 | -0.128332 | -0.128332 | -0.128332 | -0.128332 | -0.128332 | -0.580924 | -0.580924 | 1.281263 | 1.281263 | 1.876214 | 1.876214 | 2.328436 | 2.328436 | 2.372061 | 2.372061 | -0.490076 | -0.490076 | 0.217204 | 0.217204 | 0.852404 | 0.852404 | -2.129419 | -2.129419 | 1.408586 | 1.408586 | 4.267231 | 4.267231 | 4.512276 | 4.512276 | 3.643226 | 3.643226 | 3.502289 | 3.502289 | 0.443870 | 0.443870 |
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| 0.093842 | 0.055875 | -0.304346 | -0.518328 | -1.497588 | -0.736988 | -0.736988 | -0.770757 | -0.770757 | -2.304198 | -2.304198 | -2.012504 | -2.012504 | -0.029848 | -0.029848 | -1.207793 | -1.207793 | -0.707561 | -0.451372 | -0.451372 | -0.451372 | -0.451372 | -0.451372 | -0.451372 | -0.451372 | -0.451372 | -0.451372 | -0.451372 | -0.451372 | -0.451372 | -0.451372 | 0.367819 | 0.367819 | 0.057978 | 0.057978 | -0.711363 | -0.711363 | 1.306846 | 1.306846 | 0.282108 | 0.282108 | 1.119062 | 1.119062 | 2.693308 | 2.693308 | 0.203978 | 0.203978 | 1.634184 | 1.634184 | 2.698891 | 2.698891 | -1.435062 | -1.435062 | -0.123542 | -0.123542 | 1.798064 | 1.798064 | 1.746512 | 1.746512 | 3.866935 | 3.866935 |
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| 0.093825 | 0.052768 | 4.244355 | 1.750808 | 2.149879 | 2.531010 | 2.531010 | 1.149273 | 1.149273 | 1.362826 | 1.362826 | -3.288175 | -3.288175 | -1.281352 | -1.281352 | -1.082449 | -1.082449 | 0.353715 | 0.449812 | 0.449812 | 0.449812 | 0.449812 | 0.449812 | 0.449812 | 0.449812 | 0.449812 | 0.449812 | 0.449812 | 0.449812 | 0.449812 | 0.449812 | -0.767857 | -0.767857 | -0.658995 | -0.658995 | 0.087391 | 0.087391 | 0.261495 | 0.261495 | -0.684402 | -0.684402 | 0.514448 | 0.514448 | 1.262383 | 1.262383 | -0.745012 | -0.745012 | 0.108710 | 0.108710 | 1.028675 | 1.028675 | -0.984588 | -0.984588 | -2.011289 | -2.011289 | 1.129117 | 1.129117 | 1.659676 | 1.659676 | 2.711271 | 2.711271 |
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| 0.093809 | 0.049662 | 1.517150 | 8.687590 | 5.593540 | 1.283472 | 1.283472 | 4.182951 | 4.182951 | 1.900931 | 1.900931 | -0.777098 | -0.777098 | -1.388147 | -1.388147 | -2.531389 | -2.531389 | -1.187315 | -0.195267 | -0.195267 | -0.195267 | -0.195267 | -0.195267 | -0.195267 | -0.195267 | -0.195267 | -0.195267 | -0.195267 | -0.195267 | -0.195267 | -0.195267 | -0.879556 | -0.879556 | 0.346117 | 0.346117 | -0.249464 | -0.249464 | 0.235440 | 0.235440 | -0.110499 | -0.110499 | 1.423893 | 1.423893 | -0.268400 | -0.268400 | 0.821551 | 0.821551 | -0.404644 | -0.404644 | -0.780246 | -0.780246 | 2.150388 | 2.150388 | -0.924495 | -0.924495 | -0.230550 | -0.230550 | -2.714622 | -2.714622 | 2.736553 | 2.736553 |
| 0.0938 | 0.048108 | 5.552549 | 11.569003 | 5.118133 | 9.172771 | 9.172771 | 5.494788 | 5.494788 | 1.997561 | 1.997561 | -0.439986 | -0.439986 | -1.316956 | -1.316956 | -1.272502 | -1.272502 | -0.546298 | -0.219310 | -0.219310 | -0.219310 | -0.219310 | -0.219310 | -0.219310 | -0.219310 | -0.219310 | -0.219310 | -0.219310 | -0.219310 | -0.219310 | -0.219310 | -0.652159 | -0.652159 | 1.334459 | 1.334459 | 1.218774 | 1.218774 | -0.015362 | -0.015362 | -2.007169 | -2.007169 | 2.192135 | 2.192135 | -0.025221 | -0.025221 | 0.483706 | 0.483706 | 0.634471 | 0.634471 | -1.394412 | -1.394412 | 1.017974 | 1.017974 | 0.101313 | 0.101313 | 0.981990 | 0.981990 | -2.017653 | -2.017653 | 1.739563 | 1.739563 |
| 0.093792 | 0.046555 | 7.557374 | 8.934817 | 4.762089 | 9.563375 | 9.563375 | 7.189855 | 7.189855 | 2.248596 | 2.248596 | -1.096499 | -1.096499 | 1.001810 | 1.001810 | -1.196413 | -1.196413 | 1.238525 | -0.975786 | -0.975786 | -0.975786 | -0.975786 | -0.975786 | -0.975786 | -0.975786 | -0.975786 | -0.975786 | -0.975786 | -0.975786 | -0.975786 | -0.975786 | -0.184966 | -0.184966 | 1.789500 | 1.789500 | 1.531341 | 1.531341 | 0.135404 | 0.135404 | -2.856064 | -2.856064 | 1.967963 | 1.967963 | 0.028457 | 0.028457 | 0.357696 | 0.357696 | 1.219713 | 1.219713 | -0.814305 | -0.814305 | 1.052930 | 1.052930 | -0.316425 | -0.316425 | 0.533132 | 0.533132 | -0.275518 | -0.275518 | 0.737845 | 0.737845 |
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| 0.093742 | 0.037234 | 6.072177 | 0.205564 | 0.096015 | -2.086114 | -2.086114 | -3.281180 | -3.281180 | -3.644401 | -3.644401 | -5.824213 | -5.824213 | -2.155049 | -2.155049 | -1.577114 | -1.577114 | -1.743215 | 2.188739 | 2.188739 | 2.188739 | 2.188739 | 2.188739 | 2.188739 | 2.188739 | 2.188739 | 2.188739 | 2.188739 | 2.188739 | 2.188739 | 2.188739 | 0.160491 | 0.160491 | -0.360233 | -0.360233 | 1.380087 | 1.380087 | -0.836129 | -0.836129 | -0.055463 | -0.055463 | 1.707288 | 1.707288 | -0.976161 | -0.976161 | -0.450314 | -0.450314 | 1.621289 | 1.621289 | -0.038809 | -0.038809 | -1.307775 | -1.307775 | 0.576379 | 0.576379 | 0.925621 | 0.925621 | 3.212340 | 3.212340 | 0.957569 | 0.957569 |
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| 0.093726 | 0.034127 | -1.974352 | -2.081979 | 0.203068 | -2.069300 | -2.069300 | -2.243815 | -2.243815 | -3.546685 | -3.546685 | -3.129269 | -3.129269 | -5.577862 | -5.577862 | -5.798834 | -5.798834 | -2.395626 | -1.524765 | -1.524765 | -1.524765 | -1.524765 | -1.524765 | -1.524765 | -1.524765 | -1.524765 | -1.524765 | -1.524765 | -1.524765 | -1.524765 | -1.524765 | -0.505158 | -0.505158 | -0.361185 | -0.361185 | -0.301690 | -0.301690 | -1.186283 | -1.186283 | -0.232108 | -0.232108 | 0.475509 | 0.475509 | -0.226518 | -0.226518 | 1.038216 | 1.038216 | 0.193461 | 0.193461 | -0.016882 | -0.016882 | 0.068687 | 0.068687 | -1.035935 | -1.035935 | -1.371432 | -1.371432 | -0.714422 | -0.714422 | -0.070205 | -0.070205 |
| 0.093717 | 0.032573 | -2.016901 | -2.523009 | -1.022982 | -1.538644 | -1.538644 | -1.911949 | -1.911949 | -2.958273 | -2.958273 | -3.071975 | -3.071975 | -4.216182 | -4.216182 | -6.187091 | -6.187091 | -3.907019 | -0.594624 | -0.594624 | -0.594624 | -0.594624 | -0.594624 | -0.594624 | -0.594624 | -0.594624 | -0.594624 | -0.594624 | -0.594624 | -0.594624 | -0.594624 | -1.394289 | -1.394289 | -1.480824 | -1.480824 | -0.512174 | -0.512174 | -2.313058 | -2.313058 | -1.031756 | -1.031756 | 0.508084 | 0.508084 | -0.491089 | -0.491089 | 1.058591 | 1.058591 | -1.683137 | -1.683137 | 2.888131 | 2.888131 | -0.396572 | -0.396572 | -3.048159 | -3.048159 | -1.253275 | -1.253275 | -0.286250 | -0.286250 | -2.096408 | -2.096408 |
| 0.093709 | 0.03102 | -0.396611 | -0.866804 | -0.841146 | -1.154321 | -1.154321 | -2.242467 | -2.242467 | -3.222805 | -3.222805 | -1.800983 | -1.800983 | -3.263970 | -3.263970 | -6.337382 | -6.337382 | -3.839302 | -1.676976 | -1.676976 | -1.676976 | -1.676976 | -1.676976 | -1.676976 | -1.676976 | -1.676976 | -1.676976 | -1.676976 | -1.676976 | -1.676976 | -1.676976 | -1.387989 | -1.387989 | -1.739652 | -1.739652 | -1.243932 | -1.243932 | -2.272460 | -2.272460 | -1.736501 | -1.736501 | 0.010894 | 0.010894 | 0.708868 | 0.708868 | -0.133797 | -0.133797 | -2.689418 | -2.689418 | 2.909472 | 2.909472 | 0.399361 | 0.399361 | -4.693787 | -4.693787 | -2.158500 | -2.158500 | -1.002247 | -1.002247 | -2.727445 | -2.727445 |
| 0.093701 | 0.029466 | -0.603464 | -0.087320 | -0.537163 | -0.390324 | -0.390324 | -2.895081 | -2.895081 | -2.759594 | -2.759594 | -0.288845 | -0.288845 | -2.215543 | -2.215543 | -5.347231 | -5.347231 | -5.476559 | -1.030490 | -1.030490 | -1.030490 | -1.030490 | -1.030490 | -1.030490 | -1.030490 | -1.030490 | -1.030490 | -1.030490 | -1.030490 | -1.030490 | -1.030490 | -0.364793 | -0.364793 | -1.370764 | -1.370764 | -1.578944 | -1.578944 | -0.503899 | -0.503899 | -1.413839 | -1.413839 | -0.756088 | -0.756088 | 0.514439 | 0.514439 | -0.907163 | -0.907163 | -2.383460 | -2.383460 | 1.317034 | 1.317034 | 1.276398 | 1.276398 | -1.031949 | -1.031949 | -3.209917 | -3.209917 | -0.678240 | -0.678240 | -1.771734 | -1.771734 |