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3.5983434e+00 3.3515288e+00 3.0113552e+00 3.1469325e+00 3.5526357e+00 3.7475562e+00 3.1812462e+00 2.1818668e+00 2.4927109e+00 2.3909738e+00 2.5729378e+00 3.7711998e+00 3.1620401e+00 3.1916270e+00 3.4478147e+00 3.1312883e+00 2.7541224e+00 2.6886547e+00 3.0483897e+00 3.2685282e+00 2.6752185e+00 2.0587064e+00 2.8619072e+00 2.8416143e+00 2.8554471e+00 2.9845926e+00 1.7697734e+00 2.7640668e+00 4.7690606e+00 3.8067806e+00 4.6866422e+00 4.2843668e+00 4.5417384e+00 5.4120246e+00 3.2161426e+00 5.0569442e+00 4.5165793e+00 4.9462324e+00 3.8595100e+00 4.0249346e+00 4.2787236e+00 3.7387507e+00 3.9160762e+00 4.0938708e+00 4.2028863e+00 5.5316487e+00 5.7297286e+00 3.6968486e+00 4.5074741e+00 3.6330985e+00 5.5146761e+00 3.6293227e+00 4.4495340e+00 4.7599229e+00 3.5255287e+00 3.6076762e+00 4.3339547e+00 4.5590471e+00 4.8997298e+00 5.2856169e+00 4.3511402e+00 3.7760534e+00 4.2460554e+00 5.0103780e+00 4.3808704e+00 4.1939019e+00 3.5087649e+00 4.2018804e+00 4.4140402e+00 3.9807996e+00 3.8067806e+00 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4.4774673e+00 3.9102500e+00 4.3611782e+00 5.2016658e+00 4.5034762e+00 4.3281161e+00 3.6300436e+00 4.3648112e+00 4.5562166e+00 4.1482002e+00 3.9111857e+00 4.8218416e+00 4.6648403e+00 4.1879434e+00 3.8717400e+00 4.0945154e+00 4.2919258e+00 3.9013483e+00 5.6700421e-01 9.9714776e-01 3.0546431e-01 4.4417983e-01 2.5251796e-01 3.0275928e-01 8.8835966e-01 3.2586371e-01 2.1845981e-01 4.4651726e-01 1.3360558e+00 1.5022608e+00 9.9714776e-01 5.6769031e-01 1.1765359e+00 7.6752131e-01 8.1354181e-01 6.9325418e-01 6.2092891e-01 5.4292906e-01 4.5470518e-01 4.0293660e-01 4.5581864e-01 6.4704320e-01 6.2024833e-01 1.4096146e-01 2.0656129e-01 8.1354181e-01 1.0574300e+00 1.2554784e+00 3.0275928e-01 4.4535192e-01 9.2264612e-01 3.0275928e-01 2.5251796e-01 5.2862779e-01 5.0592043e-01 8.0358695e-01 2.5251796e-01 5.6454040e-01 7.9878917e-01 2.1845981e-01 7.6752131e-01 1.2418578e-01 8.1242502e-01 4.1449626e-01 3.5875094e+00 3.2277825e+00 3.7190120e+00 2.6019240e+00 3.3414931e+00 3.0741797e+00 3.3904673e+00 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4.7775824e+00 3.5373240e+00 3.6158814e+00 4.3437318e+00 4.5790474e+00 4.9211035e+00 5.3110568e+00 4.3608329e+00 3.7876656e+00 4.2543813e+00 5.0356467e+00 4.3872625e+00 4.2028863e+00 3.5161021e+00 4.2189979e+00 4.4261470e+00 4.0000622e+00 3.8132783e+00 4.6893387e+00 4.5361087e+00 4.0527696e+00 3.7622948e+00 3.9645936e+00 4.1768667e+00 3.7924679e+00 8.6137722e-01 5.7867728e-01 1.2470767e+00 8.6361309e-01 2.8192292e-01 6.9369532e-01 9.8450810e-01 1.2949422e+00 5.7324170e-01 5.3588338e-01 4.0000000e-01 4.8135521e-01 3.0546431e-01 3.2816937e-01 5.0817745e-01 3.4378533e-01 9.4558103e-01 6.2024833e-01 6.9728513e-01 9.2288144e-01 5.6700421e-01 4.3691963e-01 5.4292906e-01 8.7202528e-01 8.9095811e-01 5.0817745e-01 3.6171588e-01 3.8934542e-01 8.6361309e-01 7.9878917e-01 5.0592043e-01 8.6361309e-01 1.1959482e+00 5.4292906e-01 5.6454040e-01 1.6807352e+00 1.1055064e+00 5.0592043e-01 3.2586371e-01 9.7779835e-01 3.2816937e-01 9.4558103e-01 2.8507955e-01 6.6827038e-01 3.1533911e+00 2.8840079e+00 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3.3260356e+00 4.1143832e+00 4.4201622e+00 3.2188998e+00 3.2929599e+00 4.0183758e+00 4.2229849e+00 4.5637045e+00 4.9290256e+00 4.0343724e+00 3.4708900e+00 3.9559935e+00 4.6576736e+00 4.0502252e+00 3.8718131e+00 3.1963475e+00 3.8610636e+00 4.0785553e+00 3.6345765e+00 3.5123791e+00 4.3416284e+00 4.1864302e+00 3.7018916e+00 3.4568305e+00 3.6254423e+00 3.8415026e+00 3.4775621e+00 4.0293660e-01 5.0905001e-01 3.8934542e-01 8.1130291e-01 2.5251796e-01 4.2538717e-01 4.8927739e-01 1.2406194e+00 1.3074132e+00 8.5233811e-01 5.0090417e-01 1.1185330e+00 5.6700421e-01 8.1099042e-01 5.3022554e-01 4.1449626e-01 5.3665999e-01 5.0905001e-01 5.0592043e-01 4.1449626e-01 6.0181382e-01 6.0060595e-01 2.5651975e-01 3.4583729e-01 8.0064372e-01 8.1558458e-01 1.0597541e+00 3.8934542e-01 4.2667565e-01 9.0074515e-01 3.8934542e-01 4.1586001e-01 5.0180477e-01 4.0293660e-01 1.1003197e+00 2.5651975e-01 4.5581864e-01 6.6539428e-01 4.1312257e-01 5.7324170e-01 2.0656129e-01 7.1504098e-01 4.0293660e-01 3.6583368e+00 3.3018939e+00 3.7934214e+00 2.7118627e+00 3.4196168e+00 3.1646752e+00 3.4663954e+00 1.9965608e+00 3.4302944e+00 2.5753574e+00 2.2837561e+00 2.9283888e+00 2.7788099e+00 3.4116298e+00 2.3101107e+00 3.3028359e+00 3.1719381e+00 2.7826178e+00 3.2957091e+00 2.5882494e+00 3.5217244e+00 2.7724782e+00 3.6509512e+00 3.3998935e+00 3.1126354e+00 3.2681313e+00 3.6719821e+00 3.8384263e+00 3.2202056e+00 2.2240476e+00 2.4960474e+00 2.3970928e+00 2.6119950e+00 3.7951491e+00 3.1592993e+00 3.2300555e+00 3.5604418e+00 3.2025128e+00 2.7701355e+00 2.6892823e+00 3.0524247e+00 3.3177721e+00 2.7092568e+00 2.0227167e+00 2.8731220e+00 2.8671099e+00 2.8775912e+00 3.0586720e+00 1.7332099e+00 2.7865812e+00 4.7866828e+00 3.8123695e+00 4.7714708e+00 4.3189924e+00 4.5796358e+00 5.5132325e+00 3.1921277e+00 5.1489022e+00 4.5737586e+00 5.0249531e+00 3.9185849e+00 4.0697987e+00 4.3502657e+00 3.7349501e+00 3.9102370e+00 4.1311343e+00 4.2548570e+00 5.6362307e+00 5.8240252e+00 3.7174048e+00 4.5773480e+00 3.6270581e+00 5.6209145e+00 3.6774027e+00 4.5072397e+00 4.8555167e+00 3.5675580e+00 3.6401392e+00 4.3693804e+00 4.6657186e+00 5.0062061e+00 5.4227201e+00 4.3844239e+00 3.8261182e+00 4.2718480e+00 5.1373047e+00 4.4043123e+00 4.2383633e+00 3.5347392e+00 4.2868650e+00 4.4668117e+00 4.0716645e+00 3.8123695e+00 4.7338066e+00 4.5734052e+00 4.1036179e+00 3.7882079e+00 4.0078491e+00 4.1922661e+00 3.8027591e+00 6.8961791e-01 3.0546431e-01 4.4417983e-01 2.0656129e-01 4.1586001e-01 7.6625946e-01 8.9687438e-01 1.0919712e+00 5.7867728e-01 1.5422108e-01 7.3851529e-01 4.0293660e-01 4.1312257e-01 3.2586371e-01 5.7257017e-01 3.2816937e-01 4.1312257e-01 4.0147421e-01 2.0656129e-01 2.0656129e-01 2.0656129e-01 3.2586371e-01 3.2586371e-01 4.1312257e-01 7.0437330e-01 8.5205778e-01 3.0546431e-01 3.2352160e-01 5.0905001e-01 3.0546431e-01 6.5172743e-01 1.0000000e-01 2.1269358e-01 1.1283882e+00 6.1092863e-01 4.0293660e-01 5.0592043e-01 4.1586001e-01 4.0293660e-01 4.1449626e-01 3.7255734e-01 1.2418578e-01 3.4445326e+00 3.1392617e+00 3.6011035e+00 2.6118700e+00 3.2516941e+00 3.0511838e+00 3.3218097e+00 1.9189245e+00 3.2468925e+00 2.4924452e+00 2.2081024e+00 2.8038661e+00 2.6291264e+00 3.2767369e+00 2.1964719e+00 3.1025274e+00 3.0696611e+00 2.6485861e+00 3.1554034e+00 2.4715204e+00 3.4135983e+00 2.6151245e+00 3.5092032e+00 3.2604423e+00 2.9354140e+00 3.0782101e+00 3.4818889e+00 3.6726568e+00 3.0922811e+00 2.0843471e+00 2.3874354e+00 2.2845234e+00 2.4794505e+00 3.6775470e+00 3.0659000e+00 3.1055388e+00 3.3775462e+00 3.0430948e+00 2.6597612e+00 2.5873149e+00 2.9471553e+00 3.1807044e+00 2.5795723e+00 1.9450499e+00 2.7640668e+00 2.7473221e+00 2.7611864e+00 2.9015702e+00 1.6626642e+00 2.6693888e+00 4.6823704e+00 3.7130994e+00 4.6117428e+00 4.1946425e+00 4.4565357e+00 5.3399939e+00 3.1168466e+00 4.9805386e+00 4.4303862e+00 4.8738189e+00 3.7806643e+00 3.9387918e+00 4.2018804e+00 3.6441274e+00 3.8290120e+00 4.0132700e+00 4.1177139e+00 5.4615788e+00 5.6559440e+00 3.5983434e+00 4.4321573e+00 3.5405803e+00 5.4429455e+00 3.5441556e+00 4.3687483e+00 4.6853394e+00 3.4399664e+00 3.5203203e+00 4.2473048e+00 4.4861009e+00 4.8281381e+00 5.2242271e+00 4.2652659e+00 3.6876909e+00 4.1503255e+00 4.9488209e+00 4.2966585e+00 4.1071698e+00 3.4205830e+00 4.1292490e+00 4.3363292e+00 3.9150359e+00 3.7130994e+00 4.5977729e+00 4.4473292e+00 3.9643224e+00 3.6603913e+00 3.8715927e+00 4.0861975e+00 3.6954796e+00 5.0991930e-01 1.1327825e+00 5.7257017e-01 4.0293660e-01 3.0811765e-01 1.5771666e+00 1.7488874e+00 1.2431040e+00 8.1273630e-01 1.4170618e+00 1.0106392e+00 1.0389435e+00 9.3824087e-01 7.3813096e-01 7.5976039e-01 6.6491075e-01 6.0611244e-01 6.9728513e-01 8.8861541e-01 8.5177726e-01 3.8776762e-01 4.2538717e-01 1.0346741e+00 1.2943100e+00 1.5015203e+00 5.0991930e-01 6.2482915e-01 1.1473003e+00 5.0991930e-01 1.2418578e-01 7.6752131e-01 7.4586719e-01 6.0181382e-01 3.0275928e-01 7.7869083e-01 1.0440187e+00 4.0293660e-01 1.0120221e+00 3.2352160e-01 1.0597541e+00 6.4704320e-01 3.7504939e+00 3.3717768e+00 3.8731169e+00 2.7062054e+00 3.4865562e+00 3.1921903e+00 3.5262546e+00 1.9522524e+00 3.5018009e+00 2.5914913e+00 2.1818668e+00 2.9807120e+00 2.7874290e+00 3.4557351e+00 2.3604042e+00 3.3915488e+00 3.2027420e+00 2.8150728e+00 3.3206640e+00 2.6018930e+00 3.5642457e+00 2.8360166e+00 3.6902583e+00 3.4394878e+00 3.1847477e+00 3.3503379e+00 3.7461474e+00 3.9068076e+00 3.2666666e+00 2.2590074e+00 2.4950353e+00 2.3935209e+00 2.6534332e+00 3.8259590e+00 3.1834936e+00 3.2834077e+00 3.6377049e+00 3.2390016e+00 2.8060305e+00 2.7012392e+00 3.0647279e+00 3.3658240e+00 2.7423171e+00 1.9645331e+00 2.8984764e+00 2.9033203e+00 2.9139413e+00 3.1189900e+00 1.7118795e+00 2.8228127e+00 4.8290847e+00 3.8416142e+00 4.8350745e+00 4.3569606e+00 4.6261788e+00 5.5774554e+00 3.1958228e+00 5.2067803e+00 4.6153241e+00 5.0947934e+00 3.9803199e+00 4.1159553e+00 4.4131159e+00 3.7587872e+00 3.9513472e+00 4.1881498e+00 4.3024754e+00 5.7071195e+00 5.8839539e+00 3.7280682e+00 4.6419531e+00 3.6578722e+00 5.6843788e+00 3.7276068e+00 4.5625120e+00 4.9179194e+00 3.6182608e+00 3.6866535e+00 4.4136707e+00 4.7307689e+00 5.0723886e+00 5.5062533e+00 4.4301849e+00 3.8690719e+00 4.2943891e+00 5.2192815e+00 4.4536259e+00 4.2828634e+00 3.5797958e+00 4.3570079e+00 4.5278761e+00 4.1542558e+00 3.8416142e+00 4.7899951e+00 4.6341170e+00 4.1740602e+00 3.8316735e+00 4.0656969e+00 4.2413113e+00 3.8376713e+00 6.8961791e-01 3.0811765e-01 1.4096146e-01 6.4755655e-01 1.1229906e+00 1.3835747e+00 8.6361309e-01 4.2667565e-01 9.4009473e-01 7.0784540e-01 5.3665999e-01 6.2482915e-01 6.3977563e-01 4.3691963e-01 4.4651726e-01 1.5422108e-01 3.7598397e-01 4.4535192e-01 3.7598397e-01 2.1845981e-01 1.4096146e-01 5.5419992e-01 1.0065841e+00 1.1474460e+00 0.0000000e+00 3.0811765e-01 6.5223271e-01 0.0000000e+00 5.0991930e-01 3.2586371e-01 4.2667565e-01 8.3172002e-01 5.0991930e-01 5.6769031e-01 7.5082357e-01 2.1845981e-01 7.0479928e-01 3.0811765e-01 6.4755655e-01 2.1845981e-01 3.4865562e+00 3.1726595e+00 3.6377960e+00 2.5987470e+00 3.2814045e+00 3.0627375e+00 3.3515846e+00 1.8841865e+00 3.2769379e+00 2.5038079e+00 2.1311468e+00 2.8311678e+00 2.6104387e+00 3.2962520e+00 2.2214438e+00 3.1433122e+00 3.0878634e+00 2.6552472e+00 3.1570103e+00 2.4668912e+00 3.4394878e+00 2.6411293e+00 3.5233648e+00 3.2747247e+00 2.9659871e+00 3.1154783e+00 3.5134741e+00 3.7059620e+00 3.1148696e+00 2.0851901e+00 2.3731428e+00 2.2655571e+00 2.4927109e+00 3.6920087e+00 3.0823446e+00 3.1337459e+00 3.4135200e+00 3.0481703e+00 2.6780487e+00 2.5874301e+00 2.9489507e+00 3.2027420e+00 2.5873149e+00 1.8973383e+00 2.7738355e+00 2.7632614e+00 2.7778954e+00 2.9269923e+00 1.6390769e+00 2.6848587e+00 4.7106706e+00 3.7313856e+00 4.6446321e+00 4.2142736e+00 4.4836580e+00 5.3716885e+00 3.1250284e+00 5.0074019e+00 4.4485220e+00 4.9128219e+00 3.8150636e+00 3.9624529e+00 4.2358121e+00 3.6602286e+00 3.8605980e+00 4.0488387e+00 4.1418643e+00 5.4970002e+00 5.6855224e+00 3.5964347e+00 4.4685630e+00 3.5634461e+00 5.4730406e+00 3.5693950e+00 4.3989089e+00 4.7150659e+00 3.4668130e+00 3.5464993e+00 4.2723380e+00 4.5155386e+00 4.8594290e+00 5.2647079e+00 4.2921213e+00 3.7064459e+00 4.1581964e+00 4.9913682e+00 4.3286007e+00 4.1303097e+00 3.4468286e+00 4.1669742e+00 4.3729308e+00 3.9624170e+00 3.7313856e+00 4.6297577e+00 4.4844827e+00 4.0056359e+00 3.6817961e+00 3.9035218e+00 4.1179678e+00 3.7164366e+00 6.2024833e-01 8.1304731e-01 1.1868139e+00 4.8036801e-01 7.1799256e-01 2.8192292e-01 3.2816937e-01 3.2816937e-01 3.0546431e-01 3.2352160e-01 3.2352160e-01 8.5205778e-01 4.8927739e-01 6.6384020e-01 7.3496673e-01 4.5581864e-01 2.4837156e-01 3.2586371e-01 7.6752131e-01 7.4549115e-01 3.2352160e-01 4.1449626e-01 5.0180477e-01 6.8961791e-01 5.8851328e-01 2.5251796e-01 6.8961791e-01 1.0919712e+00 3.7255734e-01 4.2667565e-01 1.4993782e+00 1.0344911e+00 5.0592043e-01 4.5581864e-01 8.1304731e-01 3.0546431e-01 8.5205778e-01 1.0000000e-01 4.9766035e-01 3.3472053e+00 3.0922811e+00 3.5254266e+00 2.6661987e+00 3.2094276e+00 3.0570957e+00 3.2869053e+00 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4.1948678e+00 3.6180819e+00 4.0668114e+00 4.9227056e+00 4.2245318e+00 4.0358897e+00 3.3459883e+00 4.0835979e+00 4.2783731e+00 3.8797354e+00 3.6293396e+00 4.5370189e+00 4.3879553e+00 3.9155334e+00 3.5955337e+00 3.8113970e+00 4.0131848e+00 3.6132595e+00 5.2862779e-01 1.2431040e+00 1.5013525e+00 9.7779835e-01 5.3588338e-01 1.0669582e+00 8.1385214e-01 6.6432544e-01 7.2823007e-01 6.5223271e-01 5.1138698e-01 5.6700421e-01 2.5251796e-01 4.6472023e-01 5.6769031e-01 4.9766035e-01 2.5651975e-01 2.1269358e-01 6.6432544e-01 1.1134787e+00 1.2632199e+00 1.4096146e-01 2.8507955e-01 7.6787403e-01 1.4096146e-01 4.0293660e-01 4.4651726e-01 5.1691876e-01 7.1840099e-01 4.1586001e-01 6.3108414e-01 8.7021234e-01 2.0000000e-01 8.1385214e-01 2.5251796e-01 7.6787403e-01 3.2586371e-01 3.6025735e+00 3.2810515e+00 3.7511944e+00 2.6894009e+00 3.3904673e+00 3.1636869e+00 3.4574937e+00 1.9666356e+00 3.3893691e+00 2.5954173e+00 2.1997395e+00 2.9322283e+00 2.7092568e+00 3.4012145e+00 2.3186758e+00 3.2568914e+00 3.1861493e+00 2.7595194e+00 3.2561045e+00 2.5646808e+00 3.5381764e+00 2.7476411e+00 3.6278993e+00 3.3809159e+00 3.0768226e+00 3.2277675e+00 3.6265617e+00 3.8150532e+00 3.2176230e+00 2.1864840e+00 2.4668912e+00 2.3596992e+00 2.5949561e+00 3.7935487e+00 3.1789378e+00 3.2360886e+00 3.5252258e+00 3.1522058e+00 2.7777040e+00 2.6819136e+00 3.0473722e+00 3.3079290e+00 2.6886547e+00 1.9757309e+00 2.8726212e+00 2.8654680e+00 2.8788483e+00 3.0349462e+00 1.7160413e+00 2.7852734e+00 4.8087107e+00 3.8282466e+00 4.7531334e+00 4.3176393e+00 4.5857287e+00 5.4831923e+00 3.2147850e+00 5.1185883e+00 4.5544260e+00 5.0194259e+00 3.9185849e+00 4.0655452e+00 4.3416283e+00 3.7535680e+00 3.9509795e+00 4.1478442e+00 4.2472736e+00 5.6096505e+00 5.7957776e+00 3.6945993e+00 4.5734622e+00 3.6568202e+00 5.5854254e+00 3.6720840e+00 4.5038991e+00 4.8262859e+00 3.5684917e+00 3.6474985e+00 4.3740189e+00 4.6282931e+00 4.9713928e+00 5.3806679e+00 4.3928114e+00 3.8121990e+00 4.2612863e+00 5.1032991e+00 4.4267055e+00 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4.4640423e+00 4.8059592e+00 5.1881280e+00 4.2497073e+00 3.6834126e+00 4.1572779e+00 4.9128775e+00 4.2687104e+00 4.0908836e+00 3.4061169e+00 4.0989195e+00 4.3064904e+00 3.8759115e+00 3.7114178e+00 4.5707958e+00 4.4147019e+00 3.9326468e+00 3.6624594e+00 3.8494244e+00 4.0586633e+00 3.6843892e+00 4.0176783e-01 9.3801395e-01 3.7427929e-01 6.0551856e-01 4.9766035e-01 4.1449626e-01 2.5251796e-01 3.2352160e-01 7.0437330e-01 6.2024833e-01 2.4837156e-01 7.0826681e-01 8.1099042e-01 5.3665999e-01 5.7257017e-01 4.0293660e-01 5.3665999e-01 1.0321505e+00 3.2352160e-01 4.9857388e-01 1.2654843e+00 1.0181000e+00 4.9857388e-01 4.6472023e-01 6.6432544e-01 4.4535192e-01 8.1354181e-01 3.2586371e-01 4.4535192e-01 3.1652953e+00 2.9034751e+00 3.3383293e+00 2.4277398e+00 3.0113552e+00 2.8500355e+00 3.0981427e+00 1.7594421e+00 2.9944056e+00 2.3105335e+00 2.0559262e+00 2.5987706e+00 2.4171653e+00 3.0605340e+00 2.0054351e+00 2.8372675e+00 2.8748086e+00 2.4385827e+00 2.9411544e+00 2.2761106e+00 3.2149087e+00 2.3896630e+00 3.2878368e+00 3.0415738e+00 2.6906230e+00 2.8216976e+00 3.2222602e+00 3.4304873e+00 2.8822802e+00 1.8816502e+00 2.1994544e+00 2.0961718e+00 2.2729984e+00 3.4713427e+00 2.8746311e+00 2.8977380e+00 3.1239380e+00 2.8149627e+00 2.4626518e+00 2.3988202e+00 2.7512943e+00 2.9634715e+00 2.3744738e+00 1.7861398e+00 2.5679553e+00 2.5438761e+00 2.5602722e+00 2.6724144e+00 1.5132025e+00 2.4693940e+00 4.4818617e+00 3.5188715e+00 4.3693901e+00 3.9814082e+00 4.2430316e+00 5.0846750e+00 2.9378173e+00 4.7308926e+00 4.2026915e+00 4.6369546e+00 3.5592955e+00 3.7219741e+00 3.9702025e+00 3.4565374e+00 3.6485303e+00 3.8059948e+00 3.8952692e+00 5.2045888e+00 5.4038637e+00 3.3942456e+00 4.2018404e+00 3.3550631e+00 5.1838582e+00 3.3280757e+00 4.1439346e+00 4.4349731e+00 3.2284912e+00 3.3133518e+00 4.0354963e+00 4.2293106e+00 4.5707958e+00 4.9486891e+00 4.0555804e+00 3.4667821e+00 3.9402495e+00 4.6817169e+00 4.0952984e+00 3.8891597e+00 3.2181054e+00 3.8906833e+00 4.1179678e+00 3.6792093e+00 3.5188715e+00 4.3738746e+00 4.2318888e+00 3.7415007e+00 3.4482727e+00 3.6509580e+00 3.8867812e+00 3.4956677e+00 6.2660376e-01 4.1449626e-01 4.8927739e-01 7.0479928e-01 3.0546431e-01 2.5251796e-01 3.2816937e-01 5.7324170e-01 6.2538346e-01 3.7255734e-01 4.4535192e-01 5.7324170e-01 6.2482915e-01 5.3665999e-01 4.3691963e-01 6.2482915e-01 8.7420176e-01 3.2352160e-01 2.5651975e-01 1.4293465e+00 7.7360126e-01 2.5651975e-01 4.0147421e-01 7.1504098e-01 2.1269358e-01 6.2660376e-01 2.4837156e-01 4.1586001e-01 3.4011512e+00 3.1015495e+00 3.5629124e+00 2.6446848e+00 3.2242409e+00 3.0444970e+00 3.2854349e+00 1.9922212e+00 3.2208624e+00 2.4875432e+00 2.3235341e+00 2.7738624e+00 2.6761538e+00 3.2590031e+00 2.1770137e+00 3.0609726e+00 3.0488669e+00 2.6564689e+00 3.1671679e+00 2.4967542e+00 3.3778209e+00 2.5968629e+00 3.5012162e+00 3.2523394e+00 2.9093820e+00 3.0417674e+00 3.4541339e+00 3.6357801e+00 3.0695657e+00 2.1117686e+00 2.4265922e+00 2.3324013e+00 2.4794505e+00 3.6641654e+00 3.0465086e+00 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5.1732049e+00 4.2085267e+00 5.1402548e+00 4.7090394e+00 4.9640507e+00 5.8783901e+00 3.5970425e+00 5.5195747e+00 4.9586651e+00 5.3905797e+00 4.2919639e+00 4.4545908e+00 4.7214902e+00 4.1323720e+00 4.2962344e+00 4.5078390e+00 4.6379987e+00 5.9985593e+00 6.1927610e+00 4.1173292e+00 4.9467209e+00 4.0217355e+00 5.9855018e+00 4.0597680e+00 4.8845913e+00 5.2228901e+00 3.9505682e+00 4.0262006e+00 4.7557226e+00 5.0295898e+00 5.3695643e+00 5.7704875e+00 4.7697480e+00 4.2124808e+00 4.6690776e+00 5.4857949e+00 4.7867344e+00 4.6237863e+00 3.9220577e+00 4.6512574e+00 4.8397561e+00 4.4244727e+00 4.2085267e+00 5.1102370e+00 4.9464234e+00 4.4688286e+00 4.1733964e+00 4.3844239e+00 4.5752087e+00 4.1957914e+00 3.8934542e-01 3.7598397e-01 1.5422108e-01 3.4583729e-01 3.7598397e-01 4.4651726e-01 3.8934542e-01 3.2816937e-01 8.2929029e-01 9.3610001e-01 4.3691963e-01 5.3022554e-01 5.3309112e-01 4.3691963e-01 7.5976039e-01 3.2586371e-01 4.2667565e-01 1.0733200e+00 7.4777660e-01 2.1845981e-01 5.0905001e-01 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2.2546134e+00 2.1472921e+00 2.3729779e+00 3.5766918e+00 2.9692947e+00 3.0147040e+00 3.2887803e+00 2.9233984e+00 2.5628362e+00 2.4694536e+00 2.8371552e+00 3.0850817e+00 2.4681135e+00 1.7749726e+00 2.6585961e+00 2.6493446e+00 2.6623632e+00 2.8060305e+00 1.5124582e+00 2.5679553e+00 4.5912390e+00 3.6144502e+00 4.5212874e+00 4.0982070e+00 4.3637125e+00 5.2494547e+00 3.0086587e+00 4.8875515e+00 4.3294620e+00 4.7880147e+00 3.6912876e+00 3.8418637e+00 4.1117747e+00 3.5413188e+00 3.7389462e+00 3.9250135e+00 4.0233529e+00 5.3754694e+00 5.5627643e+00 3.4785161e+00 4.3436980e+00 3.4455964e+00 5.3512930e+00 3.4471566e+00 4.2776053e+00 4.5941143e+00 3.3449470e+00 3.4269051e+00 4.1524717e+00 4.3946634e+00 4.7366258e+00 5.1414650e+00 4.1713411e+00 3.5895201e+00 4.0467919e+00 4.8635964e+00 4.2075047e+00 4.0127353e+00 3.3273395e+00 4.0411872e+00 4.2480617e+00 3.8321687e+00 3.6144502e+00 4.5072985e+00 4.3598062e+00 3.8780834e+00 3.5586316e+00 3.7805671e+00 3.9971028e+00 3.6003219e+00 2.5651975e-01 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2.5600441e+00 3.4989115e+00 2.6835197e+00 3.5848035e+00 3.3425343e+00 2.9944056e+00 3.1272113e+00 3.5315985e+00 3.7321938e+00 3.1736230e+00 2.1642821e+00 2.4763086e+00 2.3729779e+00 2.5613679e+00 3.7645411e+00 3.1602773e+00 3.1861493e+00 3.4298218e+00 3.1090174e+00 2.7503801e+00 2.6773131e+00 3.0414782e+00 3.2606191e+00 2.6626548e+00 2.0308266e+00 2.8549070e+00 2.8371552e+00 2.8500790e+00 2.9720515e+00 1.7439430e+00 2.7570191e+00 4.7646254e+00 3.8019108e+00 4.6714768e+00 4.2777154e+00 4.5341669e+00 5.3940437e+00 3.2096520e+00 5.0408889e+00 4.5037829e+00 4.9318274e+00 3.8493108e+00 4.0147814e+00 4.2656755e+00 3.7323432e+00 3.9122146e+00 4.0862794e+00 4.1939019e+00 5.5136120e+00 5.7113100e+00 3.6836404e+00 4.4947801e+00 3.6298047e+00 5.4953655e+00 3.6181784e+00 4.4396174e+00 4.7440323e+00 3.5161021e+00 3.6013159e+00 4.3259034e+00 4.5411167e+00 4.8804165e+00 5.2620015e+00 4.3431589e+00 3.7666196e+00 4.2394195e+00 4.9871255e+00 4.3755778e+00 4.1864815e+00 3.5032323e+00 4.1868319e+00 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3.3702841e+00 4.0376849e+00 4.2550416e+00 3.8015574e+00 3.6735954e+00 4.5249462e+00 4.3662620e+00 3.8699102e+00 3.5979726e+00 3.8007870e+00 4.0252278e+00 3.6568095e+00 3.0811765e-01 1.0065841e+00 9.1075311e-01 6.2538346e-01 1.0065841e+00 1.2125198e+00 7.0086313e-01 6.1623531e-01 1.8279039e+00 1.0613462e+00 6.9369532e-01 4.8135521e-01 1.1149070e+00 3.0811765e-01 9.7098574e-01 4.0293660e-01 8.0358695e-01 3.4154940e+00 3.1439160e+00 3.5872997e+00 2.8054691e+00 3.2839149e+00 3.1127876e+00 3.3274872e+00 2.2159139e+00 3.2598167e+00 2.6167778e+00 2.5758644e+00 2.8523754e+00 2.8256291e+00 3.3122081e+00 2.3003824e+00 3.0947136e+00 3.1160876e+00 2.7384939e+00 3.2940867e+00 2.6281170e+00 3.4401593e+00 2.6851662e+00 3.5758474e+00 3.3024121e+00 2.9636544e+00 3.0850893e+00 3.4935692e+00 3.6787177e+00 3.1382691e+00 2.2643860e+00 2.5838312e+00 2.4957147e+00 2.5876691e+00 3.7272092e+00 3.1148696e+00 3.1192689e+00 3.3731473e+00 3.1641238e+00 2.7164367e+00 2.7371177e+00 3.0433470e+00 3.2094276e+00 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1.1833480e+00 5.0905001e-01 9.4080461e-01 3.4392518e+00 3.2008338e+00 3.6261197e+00 2.9076510e+00 3.3439089e+00 3.2073032e+00 3.3907558e+00 2.3329978e+00 3.3168472e+00 2.7081478e+00 2.6929215e+00 2.9283888e+00 2.9264154e+00 3.3942456e+00 2.3848677e+00 3.1312883e+00 3.2027420e+00 2.8385969e+00 3.3781905e+00 2.7324845e+00 3.5133135e+00 2.7602023e+00 3.6563535e+00 3.3905763e+00 3.0256209e+00 3.1312883e+00 3.5423793e+00 3.7299679e+00 3.2179031e+00 2.3661539e+00 2.6906231e+00 2.6054995e+00 2.6801752e+00 3.8138933e+00 3.2027420e+00 3.1888037e+00 3.4187265e+00 3.2459231e+00 2.8060305e+00 2.8359967e+00 3.1453916e+00 3.2886661e+00 2.7943622e+00 2.3874574e+00 2.9533314e+00 2.8877105e+00 2.9141136e+00 3.0147886e+00 2.0992326e+00 2.8425716e+00 4.7630756e+00 3.8535531e+00 4.6550014e+00 4.2947468e+00 4.5389196e+00 5.3632740e+00 3.3234239e+00 5.0232338e+00 4.5363757e+00 4.8985515e+00 3.8441304e+00 4.0476997e+00 4.2599433e+00 3.8106152e+00 3.9516603e+00 4.0850903e+00 4.1995425e+00 5.4671477e+00 5.6957748e+00 3.8037734e+00 4.4771379e+00 3.6783395e+00 5.4690202e+00 3.6632177e+00 4.4259826e+00 4.7160634e+00 3.5560806e+00 3.6239123e+00 4.3464973e+00 4.5187406e+00 4.8619146e+00 5.2001625e+00 4.3635746e+00 3.7979761e+00 4.2843668e+00 4.9451734e+00 4.3709882e+00 4.1899199e+00 3.5299194e+00 4.1707976e+00 4.3972344e+00 3.9457376e+00 3.8535531e+00 4.6546556e+00 4.5024055e+00 4.0227020e+00 3.8004969e+00 3.9484773e+00 4.1635108e+00 3.8079860e+00 3.0811765e-01 6.5223271e-01 0.0000000e+00 5.0991930e-01 3.2586371e-01 4.2667565e-01 8.3172002e-01 5.0991930e-01 5.6769031e-01 7.5082357e-01 2.1845981e-01 7.0479928e-01 3.0811765e-01 6.4755655e-01 2.1845981e-01 3.4865562e+00 3.1726595e+00 3.6377960e+00 2.5987470e+00 3.2814045e+00 3.0627375e+00 3.3515846e+00 1.8841865e+00 3.2769379e+00 2.5038079e+00 2.1311468e+00 2.8311678e+00 2.6104387e+00 3.2962520e+00 2.2214438e+00 3.1433122e+00 3.0878634e+00 2.6552472e+00 3.1570103e+00 2.4668912e+00 3.4394878e+00 2.6411293e+00 3.5233648e+00 3.2747247e+00 2.9659871e+00 3.1154783e+00 3.5134741e+00 3.7059620e+00 3.1148696e+00 2.0851901e+00 2.3731428e+00 2.2655571e+00 2.4927109e+00 3.6920087e+00 3.0823446e+00 3.1337459e+00 3.4135200e+00 3.0481703e+00 2.6780487e+00 2.5874301e+00 2.9489507e+00 3.2027420e+00 2.5873149e+00 1.8973383e+00 2.7738355e+00 2.7632614e+00 2.7778954e+00 2.9269923e+00 1.6390769e+00 2.6848587e+00 4.7106706e+00 3.7313856e+00 4.6446321e+00 4.2142736e+00 4.4836580e+00 5.3716885e+00 3.1250284e+00 5.0074019e+00 4.4485220e+00 4.9128219e+00 3.8150636e+00 3.9624529e+00 4.2358121e+00 3.6602286e+00 3.8605980e+00 4.0488387e+00 4.1418643e+00 5.4970002e+00 5.6855224e+00 3.5964347e+00 4.4685630e+00 3.5634461e+00 5.4730406e+00 3.5693950e+00 4.3989089e+00 4.7150659e+00 3.4668130e+00 3.5464993e+00 4.2723380e+00 4.5155386e+00 4.8594290e+00 5.2647079e+00 4.2921213e+00 3.7064459e+00 4.1581964e+00 4.9913682e+00 4.3286007e+00 4.1303097e+00 3.4468286e+00 4.1669742e+00 4.3729308e+00 3.9624170e+00 3.7313856e+00 4.6297577e+00 4.4844827e+00 4.0056359e+00 3.6817961e+00 3.9035218e+00 4.1179678e+00 3.7164366e+00 5.2942799e-01 3.0811765e-01 6.0611244e-01 3.2586371e-01 3.0546431e-01 9.4125538e-01 6.0060595e-01 5.2574978e-01 8.1558458e-01 2.8507955e-01 6.4755655e-01 4.1312257e-01 5.5419992e-01 2.0656129e-01 3.7045940e+00 3.4142500e+00 3.8690719e+00 2.8688189e+00 3.5226542e+00 3.3385842e+00 3.6010215e+00 2.1580776e+00 3.5196916e+00 2.7652601e+00 2.4083873e+00 3.0820950e+00 2.8783309e+00 3.5617386e+00 2.4693940e+00 3.3658240e+00 3.3558214e+00 2.9322808e+00 3.4112518e+00 2.7424260e+00 3.6945405e+00 2.8867565e+00 3.7848217e+00 3.5471494e+00 3.2076743e+00 3.3449470e+00 3.7498842e+00 3.9450818e+00 3.3735875e+00 2.3490515e+00 2.6490839e+00 2.5444216e+00 2.7549369e+00 3.9621873e+00 3.3527310e+00 3.3865418e+00 3.6475099e+00 3.3024121e+00 2.9459653e+00 2.8566322e+00 3.2311957e+00 3.4653703e+00 2.8535197e+00 2.1708533e+00 3.0455175e+00 3.0364473e+00 3.0465086e+00 3.1799184e+00 1.8842354e+00 2.9509414e+00 4.9594922e+00 3.9924292e+00 4.8844442e+00 4.4804205e+00 4.7354764e+00 5.6130421e+00 3.3873806e+00 5.2583931e+00 4.7090394e+00 5.1413739e+00 4.0532097e+00 4.2156327e+00 4.4735121e+00 3.9153764e+00 4.0928954e+00 4.2826383e+00 4.4004808e+00 5.7341534e+00 5.9271927e+00 3.8700742e+00 4.7016733e+00 3.8156003e+00 5.7155096e+00 3.8175051e+00 4.6462020e+00 4.9620553e+00 3.7143727e+00 3.8000004e+00 4.5254820e+00 4.7613782e+00 5.0991856e+00 5.4888822e+00 4.5411167e+00 3.9718373e+00 4.4397363e+00 5.2074442e+00 4.5701358e+00 4.3916992e+00 3.6996802e+00 4.3970196e+00 4.6045465e+00 4.1691696e+00 3.9924292e+00 4.8725396e+00 4.7150659e+00 4.2256400e+00 3.9292780e+00 4.1454529e+00 4.3599285e+00 3.9798670e+00 6.5223271e-01 1.1268457e+00 4.1449626e-01 5.0090417e-01 1.3784393e+00 1.1053488e+00 5.8851328e-01 6.6827038e-01 7.6787403e-01 4.8036801e-01 9.0852141e-01 2.8192292e-01 5.0905001e-01 3.5117473e+00 3.2719724e+00 3.6961290e+00 2.8060101e+00 3.3799936e+00 3.2401159e+00 3.4709594e+00 2.1293854e+00 3.3643376e+00 2.6848587e+00 2.4115946e+00 2.9723937e+00 2.7984009e+00 3.4455106e+00 2.3749088e+00 3.1913397e+00 3.2574960e+00 2.8320532e+00 3.3150921e+00 2.6637326e+00 3.5883493e+00 2.7640668e+00 3.6695251e+00 3.4317240e+00 3.0617355e+00 3.1820648e+00 3.5855784e+00 3.7950050e+00 3.2620096e+00 2.2645766e+00 2.5831070e+00 2.4810276e+00 2.6563403e+00 3.8575846e+00 3.2574960e+00 3.2718360e+00 3.4856613e+00 3.1913594e+00 2.8466990e+00 2.7801709e+00 3.1437608e+00 3.3466419e+00 2.7595194e+00 2.1498672e+00 2.9543365e+00 2.9330570e+00 2.9459653e+00 3.0511838e+00 1.8555964e+00 2.8534301e+00 4.8490742e+00 3.8962785e+00 4.7308926e+00 4.3643842e+00 4.6144072e+00 5.4442665e+00 3.3129652e+00 5.0997539e+00 4.5816539e+00 4.9883395e+00 3.9213002e+00 4.0961125e+00 4.3313403e+00 3.8279951e+00 4.0003537e+00 4.1625074e+00 4.2731561e+00 5.5604940e+00 5.7635900e+00 3.7812981e+00 4.5580745e+00 3.7236571e+00 5.5437155e+00 3.6992145e+00 4.5120086e+00 4.8012240e+00 3.5989213e+00 3.6872980e+00 4.4084575e+00 4.5949523e+00 4.9306472e+00 5.2918657e+00 4.4250143e+00 3.8510143e+00 4.3338058e+00 5.0198276e+00 4.4571663e+00 4.2687771e+00 3.5910375e+00 4.2454653e+00 4.4729144e+00 4.0139676e+00 3.8962785e+00 4.7377574e+00 4.5853438e+00 4.0877338e+00 3.8179781e+00 4.0161568e+00 4.2490407e+00 3.8755800e+00 5.0991930e-01 3.2586371e-01 4.2667565e-01 8.3172002e-01 5.0991930e-01 5.6769031e-01 7.5082357e-01 2.1845981e-01 7.0479928e-01 3.0811765e-01 6.4755655e-01 2.1845981e-01 3.4865562e+00 3.1726595e+00 3.6377960e+00 2.5987470e+00 3.2814045e+00 3.0627375e+00 3.3515846e+00 1.8841865e+00 3.2769379e+00 2.5038079e+00 2.1311468e+00 2.8311678e+00 2.6104387e+00 3.2962520e+00 2.2214438e+00 3.1433122e+00 3.0878634e+00 2.6552472e+00 3.1570103e+00 2.4668912e+00 3.4394878e+00 2.6411293e+00 3.5233648e+00 3.2747247e+00 2.9659871e+00 3.1154783e+00 3.5134741e+00 3.7059620e+00 3.1148696e+00 2.0851901e+00 2.3731428e+00 2.2655571e+00 2.4927109e+00 3.6920087e+00 3.0823446e+00 3.1337459e+00 3.4135200e+00 3.0481703e+00 2.6780487e+00 2.5874301e+00 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4.1715493e+00 4.2963195e+00 5.6322635e+00 5.8289682e+00 3.7874513e+00 4.5945190e+00 3.7079546e+00 5.6180203e+00 3.7164611e+00 4.5394421e+00 4.8614468e+00 3.6107037e+00 3.6929889e+00 4.4201622e+00 4.6634723e+00 5.0015266e+00 5.3906681e+00 4.4348302e+00 3.8718490e+00 4.3427947e+00 5.1078309e+00 4.4583488e+00 4.2864208e+00 3.5920050e+00 4.2919639e+00 4.4953238e+00 4.0619633e+00 3.8884996e+00 4.7650352e+00 4.6046026e+00 4.1173867e+00 3.8320624e+00 4.0389546e+00 4.2480032e+00 3.8727359e+00 9.0049692e-01 1.2307737e+00 1.5483011e+00 7.1462831e-01 1.5272277e+00 9.0074515e-01 1.4700179e+00 1.0331736e+00 3.7896333e+00 3.4304205e+00 3.9179666e+00 2.7683644e+00 3.5321772e+00 3.2685282e+00 3.5962433e+00 2.0250421e+00 3.5485736e+00 2.6642702e+00 2.2244833e+00 3.0435803e+00 2.8325748e+00 3.5230967e+00 2.4205131e+00 3.4307077e+00 3.2815626e+00 2.8843735e+00 3.3658240e+00 2.6687055e+00 3.6389628e+00 2.8830783e+00 3.7490739e+00 3.5087649e+00 3.2305801e+00 3.3908902e+00 3.7876239e+00 3.9561876e+00 3.3306114e+00 2.3112968e+00 2.5604155e+00 2.4585271e+00 2.7122813e+00 3.8971376e+00 3.2667813e+00 3.3674720e+00 3.6849783e+00 3.2837729e+00 2.8840079e+00 2.7685572e+00 3.1442943e+00 3.4335342e+00 2.8028287e+00 2.0286682e+00 2.9704704e+00 2.9822537e+00 2.9868163e+00 3.1741954e+00 1.7644184e+00 2.8908296e+00 4.8985114e+00 3.9102500e+00 4.8863496e+00 4.4272873e+00 4.6888407e+00 5.6294495e+00 3.2706756e+00 5.2636641e+00 4.6765452e+00 5.1547576e+00 4.0378383e+00 4.1743230e+00 4.4638518e+00 3.8230269e+00 4.0056625e+00 4.2450961e+00 4.3676124e+00 5.7745449e+00 5.9344852e+00 3.7932062e+00 4.6942925e+00 3.7245053e+00 5.7354045e+00 3.7814598e+00 4.6271849e+00 4.9763401e+00 3.6736483e+00 3.7511498e+00 4.4747039e+00 4.7841150e+00 5.1205765e+00 5.5660104e+00 4.4889834e+00 3.9348528e+00 4.3728356e+00 5.2548517e+00 4.5226167e+00 4.3526639e+00 3.6449787e+00 4.4041536e+00 4.5787890e+00 4.1879339e+00 3.9102500e+00 4.8490587e+00 4.6897155e+00 4.2150171e+00 3.8841455e+00 4.1203091e+00 4.3121165e+00 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5.1494118e+00 4.2515997e+00 3.6735311e+00 4.1503255e+00 4.8803856e+00 4.2802235e+00 4.0874500e+00 3.4119017e+00 4.0856134e+00 4.3069340e+00 3.8658667e+00 3.7183181e+00 4.5670800e+00 4.4180998e+00 3.9298460e+00 3.6561219e+00 3.8459316e+00 4.0712063e+00 3.6910219e+00 3.5300704e+00 3.2300705e+00 3.6894189e+00 2.6906230e+00 3.3402581e+00 3.1455455e+00 3.4142500e+00 1.9871921e+00 3.3364095e+00 2.5801041e+00 2.2579027e+00 2.8953397e+00 2.7040361e+00 3.3706887e+00 2.2848507e+00 3.1889632e+00 3.1641787e+00 2.7405950e+00 3.2351115e+00 2.5567836e+00 3.5066271e+00 2.7031874e+00 3.5985833e+00 3.3547156e+00 3.0245025e+00 3.1656773e+00 3.5695690e+00 3.7624530e+00 3.1847809e+00 2.1665831e+00 2.4678343e+00 2.3636654e+00 2.5680682e+00 3.7710578e+00 3.1606607e+00 3.1985717e+00 3.4665002e+00 3.1244487e+00 2.7540755e+00 2.6724144e+00 3.0392407e+00 3.2747247e+00 2.6671530e+00 2.0066796e+00 2.8554471e+00 2.8427684e+00 2.8549070e+00 2.9928504e+00 1.7230625e+00 2.7611864e+00 4.7742557e+00 3.8047268e+00 4.7018935e+00 4.2892152e+00 4.5488617e+00 5.4303909e+00 3.2037606e+00 5.0724791e+00 4.5217060e+00 4.9623634e+00 3.8707551e+00 4.0296740e+00 4.2915574e+00 3.7321091e+00 3.9154512e+00 4.1022778e+00 4.2113304e+00 5.5520135e+00 5.7453700e+00 3.6849669e+00 4.5212945e+00 3.6308222e+00 5.5330176e+00 3.6335075e+00 4.4607162e+00 4.7770551e+00 3.5299194e+00 3.6126659e+00 4.3390241e+00 4.5771358e+00 4.9175276e+00 5.3118739e+00 4.3561658e+00 3.7812981e+00 4.2455646e+00 5.0340960e+00 4.3872001e+00 4.2015182e+00 3.5126820e+00 4.2176412e+00 4.4249262e+00 3.9985367e+00 3.8047268e+00 4.6887893e+00 4.5358705e+00 4.0502685e+00 3.7475470e+00 3.9619683e+00 4.1767972e+00 3.7895730e+00 6.0611244e-01 2.1845981e-01 1.6212669e+00 5.6769031e-01 1.3103855e+00 7.0437330e-01 2.2923690e+00 4.4651726e-01 1.8497891e+00 2.2196852e+00 1.1283882e+00 1.3099706e+00 9.0827783e-01 1.5790055e+00 3.7427929e-01 1.4018200e+00 1.2701139e+00 1.1341579e+00 1.5133392e+00 1.1134787e+00 1.0264409e+00 8.7202528e-01 9.2264612e-01 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1.0755693e+00 8.4050231e-01 7.3805807e-01 1.2832075e+00 1.1947245e+00 8.0660588e-01 8.2105460e-01 5.9426792e-01 8.6983677e-01 5.3309112e-01 1.9083318e+00 6.7975091e-01 4.1449626e-01 1.2452704e+00 1.1763980e+00 1.6420607e+00 7.9016429e-01 1.9365498e+00 1.3172979e+00 1.0653845e+00 1.5684812e+00 8.1304731e-01 1.7169601e+00 1.2768639e+00 1.8804140e+00 1.6311692e+00 1.6315809e+00 1.8424891e+00 2.1489929e+00 2.2038673e+00 1.4613032e+00 8.0587320e-01 6.8961791e-01 6.4704320e-01 9.7949166e-01 1.9250543e+00 1.2802798e+00 1.5824669e+00 2.0485534e+00 1.5790055e+00 1.0078327e+00 8.2305664e-01 1.1498269e+00 1.5838351e+00 1.0137836e+00 1.2418578e-01 1.0230441e+00 1.1119327e+00 1.0941064e+00 1.4719311e+00 3.2816937e-01 1.0165138e+00 2.9338155e+00 1.9158303e+00 3.0455280e+00 2.4635485e+00 2.7430309e+00 3.7921012e+00 1.2632199e+00 3.4105293e+00 2.7619926e+00 3.3261421e+00 2.2045198e+00 2.2598424e+00 2.6204307e+00 1.8330979e+00 2.0701646e+00 2.3622531e+00 2.4525409e+00 3.9619101e+00 4.0743074e+00 1.8315269e+00 2.8475224e+00 1.7388184e+00 3.9054939e+00 1.9111264e+00 2.7377517e+00 3.1510494e+00 1.7964653e+00 1.8350071e+00 2.5277506e+00 2.9970778e+00 3.3196868e+00 3.8532018e+00 2.5453122e+00 2.0312250e+00 2.3887539e+00 3.5269824e+00 2.5986705e+00 2.4210417e+00 1.7228354e+00 2.6125646e+00 2.7062349e+00 2.4839132e+00 1.9158303e+00 2.9502077e+00 2.8139128e+00 2.4180244e+00 1.9947426e+00 2.2550764e+00 2.3956104e+00 1.9332869e+00 1.4468211e+00 1.8027242e+00 7.3851529e-01 9.0658670e-01 5.0180477e-01 1.2418578e+00 2.5651975e-01 1.0022010e+00 8.6361309e-01 7.3851529e-01 1.1055064e+00 7.8197925e-01 6.8961791e-01 4.8927739e-01 5.0270183e-01 3.2352160e-01 2.1269358e-01 2.5651975e-01 4.9857388e-01 6.0611244e-01 1.2633451e+00 1.2342162e+00 1.2794849e+00 9.3824087e-01 7.0776547e-01 1.2014753e+00 7.0429250e-01 2.5651975e-01 6.2482915e-01 1.0329901e+00 1.1593224e+00 1.1069580e+00 5.0180477e-01 8.9712482e-01 1.8394959e+00 1.0181000e+00 9.2095040e-01 9.2047746e-01 4.4417983e-01 1.9314297e+00 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1.0344911e+00 1.5320003e+00 9.7779835e-01 1.8837258e+00 1.2979752e+00 1.0012667e+00 1.3957794e+00 7.2526325e-01 1.6850672e+00 1.2372418e+00 1.7004805e+00 1.4979666e+00 1.5611922e+00 1.7745022e+00 2.0153916e+00 2.0815027e+00 1.3830210e+00 8.1242502e-01 5.8914551e-01 5.7257017e-01 9.5676647e-01 1.7518264e+00 1.2724737e+00 1.6669115e+00 1.9675324e+00 1.4200435e+00 1.1136605e+00 7.1881659e-01 1.0072663e+00 1.5134954e+00 9.3238528e-01 3.2352160e-01 9.5222919e-01 1.1681971e+00 1.1043332e+00 1.4120836e+00 6.2205176e-01 1.0078327e+00 2.8028143e+00 1.7525933e+00 2.8815987e+00 2.2944257e+00 2.5825907e+00 3.6132031e+00 1.1179743e+00 3.2286633e+00 2.5673494e+00 3.2133201e+00 2.1127170e+00 2.0867931e+00 2.4721080e+00 1.6626615e+00 1.9456450e+00 2.2607446e+00 2.2983453e+00 3.8335668e+00 3.8818411e+00 1.6299374e+00 2.7127377e+00 1.6132118e+00 3.7182722e+00 1.7559391e+00 2.6123294e+00 2.9966900e+00 1.6625128e+00 1.7303440e+00 2.3560577e+00 2.8340159e+00 3.1407514e+00 3.7366777e+00 2.3765195e+00 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2.2927296e+00 1.2766755e+00 2.1156916e+00 1.6869465e+00 1.9835684e+00 2.8209672e+00 1.2028939e+00 2.4458200e+00 1.8683030e+00 2.5149752e+00 1.4746001e+00 1.4371043e+00 1.7501772e+00 1.2500343e+00 1.5991931e+00 1.7211928e+00 1.6271057e+00 3.0580852e+00 3.1168283e+00 1.0328064e+00 2.0203543e+00 1.2344562e+00 2.9146252e+00 1.0941064e+00 1.9515265e+00 2.2002582e+00 1.0531192e+00 1.1790011e+00 1.7600233e+00 1.9895190e+00 2.3106402e+00 2.8876509e+00 1.7983401e+00 1.1763719e+00 1.6118154e+00 2.5100676e+00 2.0039716e+00 1.6449456e+00 1.1276917e+00 1.7245185e+00 1.9495298e+00 1.6638124e+00 1.2766755e+00 2.1512175e+00 2.1034605e+00 1.6449189e+00 1.1924295e+00 1.4645804e+00 1.8408873e+00 1.3037063e+00 1.1269972e+00 6.2482915e-01 5.0991930e-01 6.6827038e-01 7.0479928e-01 8.8358844e-01 4.5581864e-01 7.0086313e-01 4.2667565e-01 2.0656129e-01 4.4535192e-01 5.2942799e-01 7.0086313e-01 6.3861009e-01 2.1269358e-01 1.2261087e+00 1.0119857e+00 1.1001291e+00 8.1638392e-01 4.2667565e-01 7.0479928e-01 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1.5259640e+00 2.4321505e+00 2.2783778e+00 1.8251179e+00 1.4795374e+00 1.7068208e+00 1.9049236e+00 1.5165339e+00 1.1004794e+00 9.4753140e-01 9.4125538e-01 1.1763719e+00 8.5105559e-01 6.6432544e-01 7.2526325e-01 6.4290921e-01 3.2816937e-01 1.2418578e-01 4.4535192e-01 6.2024833e-01 7.0479928e-01 1.2172454e+00 1.3021788e+00 1.3289150e+00 9.6141901e-01 8.9366705e-01 1.3003320e+00 7.1840099e-01 3.0275928e-01 8.2654509e-01 1.1056650e+00 1.2497790e+00 1.2234738e+00 6.0611244e-01 9.6141901e-01 1.8661545e+00 1.1149070e+00 1.0038051e+00 1.0038051e+00 5.0991930e-01 1.8886923e+00 1.0132664e+00 1.7427900e+00 1.0573285e+00 1.5462225e+00 1.2230220e+00 1.4700179e+00 2.2554582e+00 1.8183902e+00 1.9191337e+00 1.4359851e+00 1.8399871e+00 8.1558458e-01 9.6664346e-01 1.1754055e+00 1.1548215e+00 1.2523175e+00 1.1229906e+00 1.1149070e+00 2.3868096e+00 2.5734684e+00 1.0665149e+00 1.4148192e+00 1.1763719e+00 2.3591336e+00 6.6317860e-01 1.3545005e+00 1.6178623e+00 6.3735887e-01 7.2526325e-01 1.2709820e+00 1.4169523e+00 1.7425222e+00 2.1449779e+00 1.3015611e+00 7.4777660e-01 1.2601890e+00 1.8513630e+00 1.3897316e+00 1.1185330e+00 7.6625946e-01 1.0919712e+00 1.3783420e+00 1.0120221e+00 1.0573285e+00 1.5860263e+00 1.5022608e+00 1.0597541e+00 8.3060013e-01 8.9095811e-01 1.2107055e+00 9.5498315e-01 5.9426792e-01 8.8835966e-01 7.2486328e-01 4.3456114e-01 6.3108414e-01 7.9580667e-01 5.4292906e-01 8.0619006e-01 1.0003942e+00 1.2057554e+00 1.1282371e+00 4.0147421e-01 1.0482443e+00 8.3812833e-01 9.3049742e-01 6.4290921e-01 6.6432544e-01 2.0000000e-01 4.9766035e-01 1.1016264e+00 8.7202528e-01 4.1312257e-01 6.2660376e-01 4.4651726e-01 5.0180477e-01 5.9426792e-01 1.3172979e+00 3.8776762e-01 3.7427929e-01 3.2816937e-01 6.1151102e-01 1.5338492e+00 4.2667565e-01 1.6536633e+00 6.6827038e-01 1.8195408e+00 1.1798960e+00 1.4588731e+00 2.5552364e+00 7.7039952e-01 2.1764356e+00 1.5179392e+00 2.0659196e+00 1.0072663e+00 1.0165138e+00 1.4077317e+00 7.0523271e-01 9.7441804e-01 1.1290808e+00 1.1879078e+00 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1.0279631e+00 2.4069427e+00 1.8096161e+00 2.4013270e+00 1.3194762e+00 1.3641156e+00 1.6852518e+00 1.1847335e+00 1.5344133e+00 1.5901181e+00 1.5133392e+00 2.9601125e+00 3.0929882e+00 9.7994716e-01 1.9359434e+00 1.1341579e+00 2.8969791e+00 1.0267435e+00 1.8174459e+00 2.1353579e+00 9.5498315e-01 1.0067464e+00 1.6752254e+00 1.9600024e+00 2.3015655e+00 2.8161147e+00 1.7177705e+00 1.0636401e+00 1.5095556e+00 2.5229584e+00 1.8388413e+00 1.5016471e+00 9.4558103e-01 1.6620056e+00 1.8661202e+00 1.6246433e+00 1.1833480e+00 2.0524784e+00 1.9917352e+00 1.5896248e+00 1.1449732e+00 1.3635198e+00 1.6539414e+00 1.1377990e+00 7.8695083e-01 1.0194752e+00 6.9369532e-01 4.4535192e-01 6.2538346e-01 7.1169738e-01 8.2684479e-01 7.5791688e-01 8.9971984e-01 7.0394675e-01 1.0777972e+00 8.9366705e-01 9.7548738e-01 7.3805807e-01 6.9369532e-01 9.9348625e-01 1.2013436e+00 9.4287188e-01 2.1845981e-01 9.1163729e-01 7.8197925e-01 7.4777660e-01 8.0096515e-01 6.3735887e-01 1.5043029e+00 7.0776547e-01 8.7021234e-01 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1.6277043e+00 5.7015910e-01 6.6491075e-01 1.2652657e+00 1.4292566e+00 1.7566567e+00 2.1846001e+00 1.2961380e+00 7.1840099e-01 1.2329148e+00 1.8795815e+00 1.3897316e+00 1.1149070e+00 6.8757066e-01 1.0960883e+00 1.3785366e+00 1.0168833e+00 9.8054887e-01 1.5871961e+00 1.5043071e+00 1.0597541e+00 7.7033318e-01 8.8861541e-01 1.2058675e+00 8.9134001e-01 3.4583729e-01 8.1130291e-01 1.5090287e+00 1.4644753e+00 1.5150043e+00 1.1847335e+00 8.1385214e-01 1.4041085e+00 8.9917007e-01 3.0811765e-01 6.6539428e-01 1.2643026e+00 1.3836712e+00 1.3112758e+00 7.0784540e-01 1.1353806e+00 2.0777059e+00 1.2396136e+00 1.1498269e+00 1.1474460e+00 6.9006418e-01 2.1775976e+00 1.1752673e+00 1.4613032e+00 1.0391247e+00 1.1810170e+00 8.7504951e-01 1.1390131e+00 1.8670836e+00 1.9048338e+00 1.5205305e+00 1.0228981e+00 1.5676403e+00 6.7975091e-01 6.6539428e-01 8.7175869e-01 1.1533602e+00 1.2459608e+00 9.7730901e-01 7.5082357e-01 2.0536508e+00 2.1838261e+00 8.9095811e-01 1.1306949e+00 1.2394907e+00 1.9665910e+00 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1.7940242e+00 4.4651726e-01 7.4740267e-01 1.0346741e+00 5.1691876e-01 6.0121055e-01 6.6827038e-01 8.5205778e-01 1.1776640e+00 1.6778021e+00 7.0776547e-01 4.2667565e-01 7.8695083e-01 1.3400806e+00 8.6165877e-01 5.3022554e-01 7.0437330e-01 5.0592043e-01 8.1273630e-01 6.0670504e-01 9.1075311e-01 9.7270522e-01 9.4352681e-01 6.0551856e-01 5.7257017e-01 3.4378533e-01 7.5705927e-01 8.0064372e-01 1.0450018e+00 8.4812820e-01 9.3847194e-01 6.2988288e-01 6.0611244e-01 6.0060595e-01 5.0090417e-01 7.0784540e-01 6.2538346e-01 5.0592043e-01 6.6932542e-01 5.5492130e-01 1.5422108e-01 5.6075294e-01 1.4235605e+00 4.6472023e-01 4.2418962e-01 3.8776762e-01 2.8192292e-01 1.5978583e+00 4.5581864e-01 1.6256459e+00 6.5633874e-01 1.5986180e+00 1.1106412e+00 1.3708966e+00 2.3519748e+00 1.1147518e+00 1.9798165e+00 1.3654173e+00 1.8856245e+00 7.7033318e-01 8.5335130e-01 1.1771643e+00 6.8076724e-01 9.7270522e-01 1.0165138e+00 1.0391247e+00 2.5081056e+00 2.6437138e+00 7.6716823e-01 1.4120836e+00 6.1947990e-01 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2.0485193e+00 2.4057315e+00 2.7355566e+00 3.2722484e+00 2.0762069e+00 1.4905436e+00 1.9191337e+00 2.9375895e+00 2.1864773e+00 1.9213461e+00 1.2702636e+00 2.0582667e+00 2.2206505e+00 1.9521784e+00 1.5039793e+00 2.4497583e+00 2.3480580e+00 1.9124077e+00 1.4817438e+00 1.7372199e+00 1.9937367e+00 1.5016471e+00 1.2122249e+00 6.7975091e-01 8.4050231e-01 1.0796583e+00 6.6539428e-01 3.4583729e-01 3.2816937e-01 5.2942799e-01 7.3145860e-01 1.2418578e-01 9.1163729e-01 3.2586371e-01 3.7427929e-01 3.2816937e-01 5.0592043e-01 1.0122141e+00 2.1845981e-01 2.2481791e+00 1.2631020e+00 2.1874158e+00 1.7295419e+00 1.9965608e+00 2.9333950e+00 1.0072663e+00 2.5632712e+00 1.9670002e+00 2.4858980e+00 1.3655398e+00 1.4724669e+00 1.7716601e+00 1.2125198e+00 1.4903113e+00 1.6105641e+00 1.6572339e+00 3.0940465e+00 3.2344170e+00 1.1332978e+00 2.0129643e+00 1.1341579e+00 3.0445772e+00 1.0864449e+00 1.9287276e+00 2.2802541e+00 9.8820253e-01 1.0688498e+00 1.7838044e+00 2.1039999e+00 2.4365934e+00 2.9349538e+00 1.8084630e+00 1.2266837e+00 1.7026843e+00 2.6138892e+00 1.8911946e+00 1.6476803e+00 9.7949166e-01 1.7305789e+00 1.9168750e+00 1.6065247e+00 1.2631020e+00 2.1541966e+00 2.0395401e+00 1.5896248e+00 1.1996741e+00 1.4306494e+00 1.6928004e+00 1.2436109e+00 7.5791688e-01 8.1242502e-01 7.6625946e-01 7.5976039e-01 1.0289803e+00 1.1332978e+00 7.9613242e-01 5.3665999e-01 1.1149070e+00 1.9007091e+00 9.2836103e-01 9.3610001e-01 9.1858284e-01 8.1638392e-01 2.1493214e+00 1.0132664e+00 1.1680362e+00 3.2352160e-01 1.2372418e+00 5.4292906e-01 8.7170815e-01 1.9366254e+00 1.1486378e+00 1.5564198e+00 8.7420176e-01 1.5682049e+00 6.6491075e-01 4.5470518e-01 8.8358844e-01 4.5581864e-01 8.0326782e-01 7.9878917e-01 5.9426792e-01 2.1460410e+00 2.1931311e+00 5.0180477e-01 1.0950112e+00 5.0592043e-01 2.0545952e+00 3.4378533e-01 9.3923979e-01 1.3512935e+00 3.4583729e-01 3.4583729e-01 6.6539428e-01 1.2670555e+00 1.5369942e+00 2.1465859e+00 7.2526325e-01 3.0546431e-01 5.0991930e-01 1.8206746e+00 9.8054887e-01 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3.1546522e+00 3.2544456e+00 1.0406064e+00 2.0352149e+00 1.0168833e+00 3.0859269e+00 1.0901359e+00 1.9325796e+00 2.3348454e+00 9.8054887e-01 1.0379132e+00 1.7250039e+00 2.1825260e+00 2.4995667e+00 3.0529994e+00 1.7458338e+00 1.2167151e+00 1.6214915e+00 2.7108297e+00 1.8418195e+00 1.6195190e+00 9.3847194e-01 1.7995863e+00 1.9034198e+00 1.7022897e+00 1.1533602e+00 2.1413027e+00 2.0233319e+00 1.6211869e+00 1.1770266e+00 1.4411886e+00 1.6502968e+00 1.1644030e+00 6.5633874e-01 4.4417983e-01 1.1332978e+00 2.1845981e-01 4.2538717e-01 3.4583729e-01 7.1504098e-01 1.4080793e+00 3.4583729e-01 1.8866180e+00 8.7848692e-01 1.9819543e+00 1.3312249e+00 1.6523803e+00 2.6988671e+00 6.9006418e-01 2.3100474e+00 1.6455737e+00 2.2934334e+00 1.2426449e+00 1.1905954e+00 1.5932297e+00 8.9095811e-01 1.2681309e+00 1.4065584e+00 1.3487634e+00 2.8835141e+00 2.9705897e+00 7.3805807e-01 1.8205354e+00 8.5462626e-01 2.8117234e+00 9.3049742e-01 1.6679957e+00 2.0758969e+00 8.4050231e-01 8.3060013e-01 1.4419145e+00 1.9521697e+00 2.2599493e+00 2.8310619e+00 1.4807336e+00 9.4558103e-01 1.2404967e+00 2.5235709e+00 1.6070713e+00 1.3102444e+00 7.5705927e-01 1.6281130e+00 1.7021627e+00 1.6240596e+00 8.7848692e-01 1.8790831e+00 1.8155245e+00 1.5040391e+00 1.0014633e+00 1.2481462e+00 1.4334902e+00 8.6165877e-01 6.6827038e-01 1.5475692e+00 5.8914551e-01 5.0503591e-01 4.9857388e-01 3.0811765e-01 1.7160413e+00 5.7324170e-01 1.5795964e+00 6.5648056e-01 1.4967461e+00 1.0182895e+00 1.3034549e+00 2.2380042e+00 1.2266837e+00 1.8619092e+00 1.2701139e+00 1.8007564e+00 7.2852070e-01 7.9016429e-01 1.0989735e+00 7.5705927e-01 1.0406064e+00 1.0184370e+00 9.3999899e-01 2.3886514e+00 2.5357185e+00 8.2684479e-01 1.3424112e+00 7.0776547e-01 2.3522207e+00 4.8927739e-01 1.2205493e+00 1.5832517e+00 4.2667565e-01 4.4417983e-01 1.0974061e+00 1.4319225e+00 1.7587110e+00 2.2711652e+00 1.1390131e+00 5.1691876e-01 1.0163549e+00 1.9782498e+00 1.2532075e+00 9.2859317e-01 4.1449626e-01 1.0852663e+00 1.2786117e+00 1.0887986e+00 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2.9240179e+00 1.9013501e+00 3.0016960e+00 2.4403742e+00 2.7185134e+00 3.7481490e+00 1.2643026e+00 3.3676733e+00 2.7249658e+00 3.2951180e+00 2.1701459e+00 2.2231652e+00 2.5778372e+00 1.8193838e+00 2.0594742e+00 2.3383666e+00 2.4210417e+00 3.9277558e+00 4.0319248e+00 1.8011138e+00 2.8105150e+00 1.7324239e+00 3.8595400e+00 1.8657887e+00 2.7098209e+00 3.1083486e+00 1.7551534e+00 1.8090259e+00 2.5002193e+00 2.9463843e+00 3.2688068e+00 3.8087204e+00 2.5182043e+00 1.9933741e+00 2.3692479e+00 3.4705738e+00 2.5885717e+00 2.3959721e+00 1.7005893e+00 2.5655126e+00 2.6734142e+00 2.4311441e+00 1.9013501e+00 2.9205331e+00 2.7876433e+00 2.3735872e+00 1.9516947e+00 2.2170194e+00 2.3879674e+00 1.9213461e+00 3.0546431e-01 2.0656129e-01 6.0611244e-01 1.2246352e+00 1.4096146e-01 1.9777274e+00 9.7249562e-01 2.0297383e+00 1.4616539e+00 1.7458338e+00 2.7737198e+00 7.5082357e-01 2.3931826e+00 1.7478866e+00 2.3213742e+00 1.2131545e+00 1.2498134e+00 1.6130724e+00 9.3824087e-01 1.2565757e+00 1.4029855e+00 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1.7539916e+00 1.5193574e+00 1.0576043e+00 1.9849009e+00 1.8691652e+00 1.4607586e+00 1.0375119e+00 1.2741904e+00 1.4947429e+00 1.0361698e+00 1.0621081e+00 8.3649708e-01 7.6590510e-01 4.0176783e-01 1.3455136e+00 1.8827665e+00 1.1093572e+00 9.5676647e-01 9.0852141e-01 9.4309624e-01 8.9852394e-01 6.8076724e-01 1.2002762e+00 9.7825559e-01 7.0479928e-01 7.8197925e-01 1.4637418e+00 1.5390703e+00 1.4628493e+00 6.2538346e-01 1.2208301e+00 1.4754770e+00 1.2162549e+00 5.2574978e-01 1.0104465e+00 1.2832075e+00 1.1810170e+00 6.1947990e-01 1.1242402e+00 1.1718516e+00 1.6295015e+00 5.8914551e-01 1.2063335e+00 1.1879206e+00 1.4041085e+00 4.0293660e-01 7.7074935e-01 1.2709820e+00 7.7869083e-01 5.0592043e-01 9.7441804e-01 1.0621081e+00 5.0991930e-01 4.4417983e-01 8.3888121e-01 1.1770266e+00 8.6361309e-01 6.0670504e-01 1.0324775e+00 1.3844611e+00 6.2660376e-01 8.8695363e-01 2.0692197e+00 9.7441804e-01 1.6995747e+00 1.0122141e+00 1.6372749e+00 7.6752131e-01 6.0551856e-01 1.0244319e+00 2.1845981e-01 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1.4992973e+00 1.8311457e+00 1.5765737e+00 1.6311692e+00 1.9969203e+00 2.6670272e+00 1.9783833e+00 2.5784641e+00 1.6572339e+00 1.5613865e+00 1.9842916e+00 8.6110333e-01 1.0720678e+00 1.6180482e+00 1.7140774e+00 3.2123303e+00 3.2542669e+00 1.1332978e+00 2.1449779e+00 7.5976039e-01 3.1540626e+00 1.4088394e+00 1.9797139e+00 2.4825886e+00 1.3075101e+00 1.2330392e+00 1.6629594e+00 2.4148300e+00 2.6746409e+00 3.2573703e+00 1.6686069e+00 1.4322723e+00 1.4341959e+00 2.9471490e+00 1.6864366e+00 1.6385322e+00 1.1320702e+00 2.0632091e+00 1.9468380e+00 2.0389505e+00 9.7441804e-01 2.1303950e+00 2.0095672e+00 1.8517858e+00 1.4168607e+00 1.6483152e+00 1.5346983e+00 1.0866092e+00 7.2486328e-01 8.7202528e-01 1.2988558e+00 1.1847335e+00 8.6137722e-01 1.8265471e+00 1.7177705e+00 1.2107055e+00 9.9368623e-01 9.5866719e-01 7.3805807e-01 1.6506221e+00 7.3805807e-01 1.9449573e+00 5.0592043e-01 1.5350426e+00 7.8695083e-01 3.7427929e-01 1.6553809e+00 1.6249178e+00 1.0168833e+00 5.0991930e-01 2.1845981e-01 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1.8278913e+00 9.6838716e-01 1.4843324e+00 6.3735887e-01 7.3496673e-01 1.5570415e+00 1.5003972e+00 1.0421979e+00 9.7759114e-01 8.9070384e-01 7.8197925e-01 1.0329598e+00 1.4388174e+00 1.5204340e+00 6.9325418e-01 9.4309624e-01 1.0339865e+00 1.6134578e+00 8.0660588e-01 7.0523271e-01 1.0406064e+00 1.6372749e+00 5.1303949e-01 5.8851328e-01 1.0072663e+00 1.4951106e+00 1.0950112e+00 1.0934620e+00 1.5213929e+00 5.0991930e-01 4.5581864e-01 9.3615100e-01 7.6590510e-01 3.2586371e-01 4.2538717e-01 1.7942496e+00 1.9566981e+00 1.0636401e+00 6.6384020e-01 9.2264612e-01 1.7814077e+00 5.2371571e-01 6.0670504e-01 1.0120221e+00 4.8927739e-01 4.3691963e-01 5.6769031e-01 8.9366705e-01 1.1948578e+00 1.6982795e+00 5.7324170e-01 5.7257017e-01 8.3060013e-01 1.3824965e+00 5.7867728e-01 4.1586001e-01 5.4292906e-01 4.4651726e-01 5.7324170e-01 4.4535192e-01 7.6752131e-01 8.2105460e-01 6.9369532e-01 3.4583729e-01 7.0479928e-01 2.0656129e-01 4.3456114e-01 6.1092863e-01 4.6472023e-01 7.1840099e-01 6.9369532e-01 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6.0611244e-01 5.1691876e-01 1.6983410e+00 1.8377590e+00 1.1500393e+00 5.6631629e-01 8.6012420e-01 1.6864433e+00 6.6539428e-01 4.5581864e-01 9.7356960e-01 6.6932542e-01 5.9426792e-01 4.5470518e-01 9.7548738e-01 1.1573546e+00 1.6772907e+00 4.4535192e-01 8.2929029e-01 9.8450810e-01 1.3812107e+00 3.2816937e-01 5.0905001e-01 6.6932542e-01 5.0991930e-01 3.7598397e-01 5.0905001e-01 7.2852070e-01 6.4704320e-01 4.5581864e-01 3.2586371e-01 7.4777660e-01 3.2816937e-01 2.5251796e-01 6.3108414e-01 1.5573817e+00 1.6420607e+00 9.0575661e-01 5.7867728e-01 9.7441804e-01 1.4917344e+00 6.2482915e-01 4.0176783e-01 7.7039952e-01 7.1799256e-01 6.4704320e-01 3.2816937e-01 7.1799256e-01 9.7270522e-01 1.5593809e+00 4.1586001e-01 4.6472023e-01 5.6454040e-01 1.2601890e+00 6.5223271e-01 1.2418578e-01 7.6716823e-01 4.4651726e-01 6.0670504e-01 6.1947990e-01 7.4777660e-01 5.9426792e-01 7.2172678e-01 5.3588338e-01 6.2660376e-01 3.2352160e-01 5.8914551e-01 6.4704320e-01 1.2013436e+00 2.3665136e+00 1.1771643e+00 2.4806944e+00 1.0018083e+00 2.1098467e+00 1.2627078e+00 8.8503502e-01 2.2024869e+00 2.1511385e+00 1.6189643e+00 1.1368070e+00 1.0688498e+00 3.4378533e-01 1.6188960e+00 1.9698860e+00 1.9254808e+00 8.8861541e-01 1.5832517e+00 1.5978297e+00 2.2712062e+00 1.4277162e+00 1.3610783e+00 1.6849072e+00 2.2645802e+00 1.1106525e+00 1.2665468e+00 1.6689743e+00 2.0995265e+00 1.7457596e+00 1.7532140e+00 2.1511385e+00 2.2712062e+00 1.3276804e+00 2.5485519e+00 3.4378533e-01 2.1870851e+00 1.4266198e+00 1.0379132e+00 2.3072128e+00 2.2736138e+00 1.6156775e+00 1.2095267e+00 8.3888121e-01 1.2277129e+00 1.6151153e+00 2.0528819e+00 1.8792214e+00 8.2624515e-01 1.7265353e+00 1.7004805e+00 2.3953564e+00 1.5733646e+00 1.4691764e+00 1.8497891e+00 2.3019759e+00 1.2238809e+00 1.4266198e+00 1.7962897e+00 2.1027465e+00 1.8635467e+00 1.9008621e+00 2.2439391e+00 1.3353353e+00 7.2526325e-01 2.1293320e+00 5.5492130e-01 1.2776560e+00 1.5193574e+00 6.2988288e-01 8.1130291e-01 8.6912228e-01 1.3752391e+00 1.6044563e+00 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