

Max	5.99
30 degree	3.34

flat	4.55
30 degree	2.35

Max	9.21
90 Average	7.85

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30 degree 6.46

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1	-0.43	-0.37	-0.33	-0.40	-0.70	-0.80	-1.18	-1.42	-1.73	-20.30	-21.40	-20.58	-18.85	-17.15	-15.69	-16.38	-14.99	-14.00	-15.56	-16.08	-14.83	-4.80	-5.95	-5.00	-4.00	-3.85	-4.05	-4.65	-4.85	-4.65	-4.83	-7.95	-7.04	-5.96	-4.49	-3.39	-2.23	-1.31	-0.40	0.31	0.00	0.76	0.73	0.46	0.40	-2.05	-3.31	-4.50	-5.68	-5.59	-5.35	-5.19	-5.25	-5.54	-5.96	-6.34	-6.48	-6.35	-6.45			
2	-0.46	-0.37	-0.33	-0.40	-0.70	-0.80	-1.18	-1.42	-1.73	-20.30	-21.40	-20.58	-18.85	-17.15	-15.69	-16.38	-14.99	-14.00	-15.56	-16.08	-14.83	-4.80	-5.95	-5.00	-4.00	-3.85	-4.05	-4.65	-4.85	-4.65	-4.83	-7.95	-7.04	-5.96	-4.49	-3.39	-2.23	-1.31	-0.40	0.31	0.00	0.76	0.73	0.46	0.40	-2.05	-3.31	-4.50	-5.68	-5.59	-5.35	-5.19	-5.25	-5.54	-5.96	-6.34	-6.48	-6.35	-6.45			
3	-0.49	-0.38	-0.35	-0.43	-0.75	-0.85	-1.25	-1.51	-1.85	-21.15	-22.25	-21.35	-19.50	-17.75	-16.25	-16.95	-15.50	-14.50	-16.05	-16.55	-15.30	-5.10	-6.25	-5.30	-4.30	-4.15	-4.35	-4.95	-5.15	-4.95	-5.13	-8.25	-7.34	-6.26	-4.79	-3.69	-2.53	-1.61	-0.70	0.40	0.10	0.86	0.83	0.56	0.50	-2.31	-3.57	-4.76	-5.94	-5.85	-5.61	-5.45	-5.51	-5.80	-6.18	-6.56	-6.69	-6.55	-6.65			
4	-0.52	-0.40	-0.37	-0.46	-0.80	-0.90	-1.30	-1.58	-1.95	-21.90	-23.00	-22.05	-20.10	-18.35	-16.80	-17.50	-16.00	-15.00	-16.50	-17.00	-15.75	-5.40	-6.55	-5.60	-4.60	-4.45	-4.65	-5.25	-5.45	-5.25	-5.43	-8.50	-7.59	-6.50	-5.03	-3.93	-2.77	-1.91	-1.00	-0.10	0.20	0.90	0.87	0.60	0.54	-2.57	-3.83	-5.02	-6.20	-6.11	-5.87	-5.71	-5.77	-6.06	-6.44	-6.77	-6.89	-6.75	-6.85			
5	-0.55	-0.43	-0.40	-0.49	-0.85	-0.95	-1.35	-1.63	-2.05	-22.65	-23.75	-22.75	-20.80	-19.05	-17.50	-18.20	-16.70	-15.70	-17.20	-17.70	-16.45	-5.70	-6.85	-5.90	-4.90	-4.75	-4.95	-5.55	-5.75	-5.55	-5.73	-8.75	-7.84	-6.75	-5.27	-4.17	-3.01	-2.15	-1.24	-0.34	0.30	1.00	0.97	0.70	0.64	-2.83	-4.09	-5.28	-6.46	-6.37	-6.13	-5.97	-6.03	-6.32	-6.70	-7.03	-7.15	-7.01	-7.11			
6	-0.58	-0.46	-0.43	-0.52	-0.90	-1.00	-1.40	-1.68	-2.15	-23.40	-24.50	-23.45	-21.50	-19.75	-18.20	-18.90	-17.40	-16.40	-17.90	-18.40	-17.15	-6.00	-7.15	-6.20	-5.20	-5.05	-5.25	-5.85	-6.05	-5.85	-6.03	-9.00	-8.09	-7.00	-5.51	-4.41	-3.25	-2.39	-1.48	-0.58	0.40	1.10	1.07	0.80	0.74	-3.09	-4.35	-5.54	-6.72	-6.63	-6.39	-6.23	-6.29	-6.58	-6.91	-7.23	-7.35	-7.21	-7.31			
7	-0.61	-0.49	-0.46	-0.55	-0.95	-1.05	-1.45	-1.73	-2.25	-24.15	-25.25	-24.15	-22.20	-20.45	-18.90	-19.60	-18.10	-17.10	-18.60	-19.10	-17.85	-6.30	-7.45	-6.50	-5.50	-5.35	-5.55	-6.15	-6.35	-6.15	-6.33	-9.25	-8.34	-7.25	-5.75	-4.65	-3.49	-2.63	-1.72	-0.82	0.50	1.20	1.17	0.90	0.84	-3.35	-4.61	-5.80	-6.98	-6.89	-6.65	-6.49	-6.55	-6.84	-7.17	-7.29	-7.15	-7.25				
8	-0.64	-0.52	-0.49	-0.58	-1.00	-1.10	-1.50	-1.78	-2.35	-24.90	-26.00	-24.90	-22.95	-21.20	-19.65	-20.35	-18.85	-17.85	-19.35	-19.85	-18.60	-6.60	-7.75	-6.80	-5.80	-5.65	-5.85	-6.45	-6.65	-6.45	-6.63	-9.50	-8.59	-7.50	-6.00	-4.90	-3.75	-2.89	-1.98	-1.08	0.60	1.30	1.27	1.00	0.94	-3.61	-4.87	-6.06	-7.24	-7.15	-6.91	-6.75	-6.81	-7.10	-7.43	-7.55	-7.41	-7.51				
9	-0.67	-0.55	-0.52	-0.61	-1.05	-1.15	-1.55	-1.83	-2.45	-25.65	-26.75	-25.65	-23.70	-21.95	-20.40	-21.10	-19.60	-18.60	-20.10	-20.60	-19.35	-6.90	-8.05	-7.10	-6.10	-5.95	-6.15	-6.75	-6.95	-6.75	-6.93	-9.75	-8.84	-7.75	-6.25	-5.15	-4.00	-3.14	-2.24	-1.34	-0.44	0.70	1.40	1.37	1.10	1.04	-3.87	-5.13	-6.32	-7.50	-7.41	-7.17	-7.01	-7.07	-7.36	-7.69	-7.81	-7.67	-7.77			
10	-0.70	-0.58	-0.55	-0.64	-1.10	-1.20	-1.60	-1.88	-2.55	-26.40	-27.50	-26.40	-24.45	-22.70	-21.15	-21.85	-20.35	-19.35	-20.85	-21.35	-20.10	-7.20	-8.35	-7.40	-6.40	-6.25	-6.45	-7.05	-7.25	-7.05	-7.23	-10.00	-9.09	-8.00	-6.50	-5.40	-4.25	-3.39	-2.48	-1.58	-0.68	0.80	1.50	1.47	1.20	1.14	-4.13	-5.39	-6.58	-7.76	-7.67	-7.43	-7.27	-7.33	-7.62	-7.95	-8.07	-7.93	-8.03			
11	-0.73	-0.61	-0.58	-0.67	-1.15	-1.25	-1.65	-1.93	-2.65	-27.15	-28.25	-27.15	-25.20	-23.45	-21.90	-22.60	-21.10	-20.10	-21.60	-22.10	-20.85	-7.50	-8.65	-7.70	-6.70	-6.55	-6.75	-7.35	-7.55	-7.35	-7.53	-10.25	-9.34	-8.25	-6.75	-5.65	-4.50	-3.64	-2.74	-1.84	-0.94	0.90	1.60	1.57	1.30	1.24	-4.39	-5.65	-6.84	-8.02	-7.93	-7.69	-7.53	-7.59	-7.88	-8.21	-8.33	-8.19	-8.29			
12	-0.76	-0.64	-0.61	-0.70	-1.20	-1.30	-1.70	-2.00	-2.75	-27.90	-29.00	-27.90	-25.95	-24.20	-22.65	-23.35	-21.85	-20.85	-22.35	-22.85	-21.60	-7.80	-8.95	-8.00	-7.00	-6.85	-7.05	-7.65	-7.85	-7.65	-7.83	-10.50	-9.59	-8.50	-7.00	-5.90	-4.75	-3.89	-2.99	-2.09	-1.19	1.00	1.70	1.67	1.40	1.34	-4.65	-5.91	-7.10	-8.28	-8.19	-7.95	-7.79	-7.85	-8.14	-8.47	-8.59	-8.45	-8.55			
13	-0.79	-0.67	-0.64	-0.73	-1.25	-1.35	-1.75	-2.05	-2.85	-28.65	-29.75	-28.65	-26.70	-24.95	-23.40	-24.10	-22.60	-21.60	-23.10	-23.60	-22.35	-8.10	-9.25	-8.30	-7.30	-7.15	-7.35	-7.95	-8.15	-7.95	-8.13	-10.75	-9.84	-8.75	-7.25	-6.15	-5.00	-4.14	-3.24	-2.34	-1.44	1.10	1.80	1.77	1.50	1.44	-4.91	-6.17	-7.36	-8.54	-8.45	-8.21	-8.05	-8.11	-8.40	-8.73	-8.85	-8.71	-8.81			
14	-0.82	-0.70	-0.67	-0.76	-1.30	-1.40	-1.80	-2.10	-2.95	-29.40	-30.50	-29.40	-27.45	-25.70	-24.15	-24.85	-23.35	-22.35	-23.85	-24.35	-23.10	-8.40	-9.55	-8.60	-7.60	-7.45	-7.65	-8.25	-8.45	-8.25	-8.43	-11.00	-10.09	-9.00	-7.50	-6.40	-5.25	-4.39	-3.49	-2.59	-1.69	1.20	1.90	1.87	1.60	1.54	-5.17	-6.43	-7.62	-8.80	-8.71	-8.47	-8.31	-8.37	-8.66	-8.99	-9.11	-8.97	-9.07			
15	-0.85	-0.73	-0.70	-0.79	-1.35	-1.45	-1.85	-2.15	-3.05	-30.15	-31.25	-30.15	-28.20	-26.45	-24.90	-25.60	-24.10	-23.10	-24.60	-25.10	-23.85	-8.70	-9.85	-8.90	-7.90	-7.75	-7.95	-8.55	-8.75	-8.55	-8.73	-11.25	-10.34	-9.25	-7.75	-6.65	-5.50	-4.64	-3.74	-2.84	-1.94	1.30	2.00	1.97	1.70	1.64	-5.43	-6.69	-7.88	-9.06	-8.97	-8.73	-8.57	-8.63	-8.92	-9.25	-9.37	-9.23	-9.33			
16	-0.88	-0.76	-0.73	-0.82	-1.40	-1.50	-1.90	-2.20	-3.15	-30.90	-32.00	-30.90	-28.95	-27.20	-25.65	-26.35	-24.85	-23.85	-25.35	-25.85	-24.60	-9.00	-10.15	-9.20	-8.20	-8.05	-8.25	-8.85	-9.05	-8.85	-9.03	-11.50	-10.59	-9.50	-8.00	-6.90	-5.75	-4.89	-3.99	-3.09	-2.19	1.40	2.10	2.07	1.80	1.74	-5.69	-6.95	-8.14	-9.32	-9.23	-8.99	-8.83	-8.89	-9.18	-9.51	-9.63	-9.39	-9.49			
17	-0.91	-0.79	-0.76	-0.85	-1.45	-1.55	-1.95	-2.25	-3.25	-31.65	-32.75	-31.65	-29.70	-27.95	-26.40	-27.10	-25.60	-24.60	-26.10	-26.60	-25.35	-9.30	-10.45	-9.50	-8.50	-8.35	-8.55	-9.15	-9.35	-9.15	-9.33	-11.75	-10.84	-9.75	-8.25	-7.15	-6.00	-5.14	-4.24	-3.34	-2.44	1.50	2.20	2.17	1.90	1.84	-5.95	-7.21	-8.40	-9.58	-9.49	-9.25	-9.09	-9.15	-9.44	-9.77	-9.89	-9.65	-9.75			
18	-0.94	-0.82	-0.79	-0.88	-1.50	-1.60	-2.00	-2.30	-3.35	-32.40	-33.50	-32.40	-30.45	-28.70	-27.15	-27.85	-26.35	-25.35	-26.85	-27.35	-26.10	-9.60	-10.75	-9.80	-8.80	-8.65	-8.85	-9.45	-9.65	-9.45	-9.63	-12.00	-11.09	-10.00	-8.50	-7.40	-6.25	-5.39	-4.49	-3.59	-2.69	1.60	2.30	2.27	2.00	1.94	-6.21	-7.47	-8.66	-9.84	-9.75	-9.51	-9.35	-9.41	-9.70	-10.03	-10.15	-10.01	-10.11			
19	-0.97	-0.85	-0.82	-0.91	-1.55	-1.65	-2.05	-2.35	-3.45	-33.15	-34.25	-33.15	-31.20	-29.45	-27.90	-28.60	-27.10	-26.10	-27.60	-28.10	-26.85	-9.90	-11.05	-10.10	-9.10	-8.95	-9.15	-9.75	-9.95	-9.75	-9.93	-12.25	-11.34	-10.25	-8.75	-7.65	-6.50	-5.64	-4.74	-3.84	-2.94	1.70	2.40	2.37	2.10	2.04	-6.47	-7.73	-8.92	-10.10	-10.01	-9.77	-9.61	-9.67	-9.96	-10.29	-10.41	-10.27	-10.37			
20	-1.00	-0.88	-0.85	-0.94	-1.60	-1.70	-2.10	-2.40	-3.55	-33.90	-35.00	-33.90	-31.95	-30.20	-28.65	-29.35	-27.85	-26.85	-28.35	-28.85	-27.60	-10.20	-11.35	-10.40	-9.40	-9.25	-9.45	-10.05	-10.25	-10.05	-10.23	-12.50	-11.59	-10.50	-9.00	-7.90	-6.75	-5.89	-4.99	-4.09	-3.19	1.80	2.50	2.47	2.20	2.14	-6.73	-7.99	-9.18	-10.36	-10.27	-10.03	-9.87	-9.93	-10.22	-10.55	-10.67	-10.51	-10.61			
21	-1.03	-0.91	-0.88	-0.97	-1.65	-1.75	-2.15	-2.45	-3.65	-34.65	-35.75	-34.65	-32.70	-30.95	-29.40	-30.10	-28.60	-27.60	-29.10																																											

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0	-1.67	-1.50	-1.24	-0.97	-0.65	-0.36	-0.04	0.33	-0.14	-0.30	-0.11	-1.07	-0.70	-0.05	-0.45	-0.81	-1.20	-1.59	-1.98	-2.37	-2.76	-3.15	-3.54	-3.93	-4.32	-4.71	-5.10	-5.49	-5.88	-6.27	-6.66	-7.05	-7.44	-7.83	-8.22	-8.61	-9.00	-9.39	-9.78	-10.17	-10.56	-10.95	-11.34	-11.73	-12.12	-12.51	-12.90	-13.29	-13.68	-14.07	-14.46	-14.85	-15.24	-15.63	-16.02	-16.41	-16.80	-17.19	-17.58	-17.97	-18.36	-18.75	-19.14	-19.53	-19.92	-20.31	-20.70	-21.09	-21.48	-21.87	-22.26	-22.65	-23.04	-23.43	-23.82	-24.21	-24.60	-24.99	-25.38	-25.77	-26.16	-26.55	-26.94	-27.33	-27.72	-28.11	-28.50	-28.89	-29.28	-29.67	-30.06	-30.45	-30.84	-31.23	-31.62	-32.01	-32.40	-32.79	-33.18	-33.57	-33.96	-34.35	-34.74	-35.13	-35.52	-35.91	-36.30	-36.69	-37.08	-37.47	-37.86	-38.25	-38.64	-39.03	-39.42	-39.81	-40.20	-40.59	-40.98	-41.37	-41.76	-42.15	-42.54	-42.93	-43.32	-43.71	-44.10	-44.49	-44.88	-45.27	-45.66	-46.05	-46.44	-46.83	-47.22	-47.61	-48.00	-48.39	-48.78	-49.17	-49.56	-49.95	-50.34	-50.73	-51.12	-51.51	-51.90	-52.29	-52.68	-53.07	-53.46	-53.85	-54.24	-54.63	-55.02	-55.41	-55.80	-56.19	-56.58	-56.97	-57.36	-57.75	-58.14	-58.53	-58.92	-59.31	-59.70	-60.09	-60.48	-60.87	-61.26	-61.65	-62.04	-62.43	-62.82	-63.21	-63.60	-63.99	-64.38	-64.77	-65.16	-65.55	-65.94	-66.33	-66.72	-67.11	-67.50	-67.89	-68.28	-68.67	-69.06	-69.45	-69.84	-70.23	-70.62	-71.01	-71.40	-71.79	-72.18	-72.57	-72.96	-73.35	-73.74	-74.13	-74.52	-74.91	-75.30	-75.69	-76.08	-76.47	-76.86	-77.25	-77.64	-78.03	-78.42	-78.81	-79.20	-79.59	-79.98	-80.37	-80.76	-81.15	-81.54	-81.93	-82.32	-82.71	-83.10	-83.49	-83.88	-84.27	-84.66	-85.05	-85.44	-85.83	-86.22	-86.61	-87.00	-87.39	-87.78	-88.17	-88.56	-88.95	-89.34	-89.73	-90.12	-90.51	-90.90	-91.29	-91.68	-92.07	-92.46	-92.85	-93.24	-93.63	-94.02	-94.41	-94.80	-95.19	-95.58	-95.97	-96.36	-96.75	-97.14	-97.53	-97.92	-98.31	-98.70	-99.09	-99.48	-99.87	-100.26	-100.65	-101.04	-101.43	-101.82	-102.21	-102.60	-102.99	-103.38	-103.77	-104.16	-104.55	-104.94	-105.33	-105.72	-106.11	-106.50	-106.89	-107.28	-107.67	-108.06	-108.45	-108.84	-109.23	-109.62	-109.99	-110.38	-110.77	-111.16	-111.55	-111.94	-112.33	-112.72	-113.11	-113.50	-113.89	-114.28	-114.67	-115.06	-115.45	-115.84	-116.23	-116.62	-117.01	-117.40	-117.79	-118.18	-118.57	-118.96	-119.35	-119.74	-120.13	-120.52	-120.91	-121.30	-121.69	-122.08	-122.47	-122.86	-123.25	-123.64	-124.03	-124.42	-124.81	-125.20	-125.59	-125.98	-126.37	-126.76	-127.15	-127.54	-127.93	-128.32	-128.71	-129.10	-129.49	-129.88	-130.27	-130.66	-131.05	-131.44	-131.83	-132.22	-132.61	-133.00	-133.39	-133.78	-134.17	-134.56	-134.95	-135.34	-135.73	-136.12	-136.51	-136.90	-137.29	-137.68	-138.07	-138.46	-138.85	-139.24	-139.63	-140.02	-140.41	-140.80	-141.19	-141.58	-141.97	-142.36	-142.75	-143.14	-143.53	-143.92	-144.31	-144.70	-145.09	-145.48	-145.87	-146.26	-146.65	-147.04	-147.43	-147.82	-148.21	-148.60	-148.99	-149.38	-149.77	-150.16	-150.55	-150.94	-151.33	-151.72	-152.11	-152.50	-152.89	-153.28	-153.67	-154.06	-154.45	-154.84	-155.23	-155.62	-156.01	-156.40	-156.79	-157.18	-157.57	-157.96	-158.35	-158.74	-159.13	-159.52	-159.91	-160.30	-160.69	-161.08	-161.47	-161.86	-162.25	-162.64	-163.03	-163.42	-163.81	-164.20	-164.59	-164.98	-165.37	-165.76	-166.15	-166.54	-166.93	-167.32	-167.71	-168.10	-168.49	-168.88	-169.27	-169.66	-170.05	-170.44	-170.83	-171.22	-171.61	-172.00	-172.39	-172.78	-173.17	-173.56	-173.95	-174.34	-174.73	-175.12	-175.51	-175.90	-176.29	-176.68	-177.07	-177.46	-177.85	-178.24	-178.63	-179.02	-179.41	-179.80	-180.19	-180.58	-180.97	-181.36	-181.75	-182.14	-182.53	-182.92	-183.31	-183.70	-184.09	-184.48	-184.87	-185.26	-185.65	-186.04	-186.43	-186.82	-187.21	-187.60	-187.99	-188.38	-188.77	-189.16	-189.55	-189.94	-190.33	-190.72	-191.11	-191.50	-191.89	-192.28	-192.67	-193.06	-193.45	-193.84	-194.23	-194.62	-195.01	-195.40	-195.79	-196.18	-196.57	-196.96	-197.35	-197.74	-198.13	-198.52	-198.91	-199.30	-199.69	-200.08	-200.47	-200.86	-201.25	-201.64	-202.03	-202.42	-202.81	-203.20	-203.59	-203.98	-204.37	-204.76	-205.15	-205.54	-205.93	-206.32	-206.71	-207.10	-207.49	-207.88	-208.27	-208.66	-209.05	-209.44	-209.83	-210.22	-210.61	-211.00	-211.39	-211.78	-212.17	-212.56	-212.95	-213.34	-213.73	-214.12	-214.51	-214.90	-215.29	-215.68	-216.07	-216.46	-216.85	-217.24	-217.63	-218.02	-218.41	-218.80	-219.19	-219.58	-219.97	-220.36	-220.75	-221.14	-221.53	-221.92	-222.31	-222.70	-223.09	-223.48	-223.87	-224.26	-224.65	-225.04	-225.43	-225.82	-226.21	-226.60	-226.99	-227.38	-227.77	-228.16	-228.55	-228.94	-229.33	-229.72	-230.11	-230.50	-230.89	-231.28	-231.67	-232.06	-232.45	-232.84	-233.23	-233.62	-234.01	-234.40	-234.79	-235.18	-235.57	-235.96	-236.35	-236.74	-237.13	-237.52	-237.91	-238.30	-238.69	-239.08	-239.47	-239.86	-240.25	-240.64	-241.03	-241.42	-241.81	-242.20	-242.59	-242.98	-243.37	-243.76	-244.15	-244.54	-244.93	-245.32	-245.71	-246.10	-246.49	-246.88	-247.27	-247.66	-248.05	-248.44	-248.83	-249.22	-249.61	-249.99	-250.38	-250.77	-251.16	-251.55	-251.94	-252.33	-252.72	-253.11	-253.50	-253.89	-254.28	-254.67	-255.06	-255.45	-255.84	-256.23	-256.62	-257.01	-257.40	-257.79	-258.18	-258.57	-258.96	-259.35	-259.74	-260.13	-260.52	-260.91	-261.30	-261.69	-262.08	-262.47	-262.86	-263.25	-263.64	-264.03	-264.42	-264.81	-265.20	-265.59	-265.98	-266.37	-266.76	-267.15	-267.54	-267.93	-268.32	-268.71	-269.10	-269.49	-269.88	-270.27	-270.66	-271.05	-271.44	-271.83	-272.22	-272.61	-273.00	-273.39	-273.78	-274.17	-274.56	-274.95	-275.34	-275.73	-276.12	-276.51	-276.90	-277.29	-277.68	-278.07	-278.46	-278.85	-279.24	-279.63	-279.99	-280.38	-280.77	-281.16	-281.55	-281.94	-282.33	-282.72	-283.11	-283.50	-283.89	-284.28	-284.67	-285.06	-285.45	-285.84	-286.23	-286.62	-287.01	-287.40	-287.79	-288.18	-288.57	-288.96	-289.35	-289.74	-290.13	-290.52	-290.91	-291.30	-291.69	-292.08	-292.47	-292.86	-293.25	-293.64	-294.03	-294.42	-294.81	-295.20	-295.59	-295.98	-296.37	-296.76	-297.15	-297.54	-297.93	-298.32	-298.71	-299.10	-299.49	-299.88	-300.27	-300.66	-301.05	-301.44	-301.83	-302.22	-302.61	-303.00	-303.39	-303.78	-304.17	-304.56	-304.95	-305.34	-305.73	-306.12	-306.51	-306.90	-307.29	-307.68	-308.07	-308.46	-308.85	-309.24	-309.63	-310.02	-310.41	-310.80	-311.19	-311.58	-311.97	-312.36	-312.75	-313.14	-313.53	-313.92	-314.31	-314.70	-315.09	-315.48	-315.87	-316.26	-316.65	-317.04	-317.43	-317.82	-318.21	-318.60	-318.99	-319.38	-319.77	-320.16	-320.55	-320.94	-321.33	-321.72	-322.11	-322.50	-322.89	-323.28	-323.67	-324.06	-324.45	-324.84	-325.23	-325.62	-326.01	-326.40	-326.79	-327.18	-327.57	-327.96	-328.35	-328.74	-329.13	-329.52	-329.91	-330.30	-330.69	-331.08	-331.47	-331.86	-332.25	-332.64	-333.03	-333.42	-333.81	-334.20	-334.59	-334.98	-335.37	-335.76	-336.15	-336.54	-336.93	-337.32	-337.71	-338.10	-338.49	-338.88	-339.27	-339.66	-339.99	-340.38	-340.77	-341.16	-341.55	-341.94	-342.33	-342.72	-343.11	-343.50	-343.89	-344.28	-344.67	-345.06	-345.45	-345.84	-346.23	-346.62	-347.01	-347.40	-347.79	-348.18	-348.57	-348.96	-349.35	-349.74	-350.13	-350.52	-350.91	-351.30	-351.69	-352.08	-352.47	-352.86	-353.25	-353.64	-354.03	-354.42	-354.81	-355.20	-355.59	-355.98	-356.37	-356.76	-357.15	-357.54	-357.93	-358.32	-358.71	-359.10	-359.49	-359.88	-360.27	-360.66	-361.05	-361.44	-361.83	-362.22	-362.61	-363.00	-363.39	-363.78	-364.17	-364.56	-364.95	-365.34	-365.73	-366.12	-366.51	-366.90	-367.29	-367.68	-368.07	-368.46	-368.85	-369.24	-369.63	-370.02	-370.41	-370.80	-371.19	-371.58	-371.97	-372.36	-372.75	-373.14	-373.53	-373.92	-374.31	-374.70	-375.09	-375.48	-375.87	-376.26	-376.65	-377.04	-377.43	-377.82	-378.21	-378.60	-378.99	-379.38	-379.77	-380.16	-380.55	-380.94	-381.33	-381.72	-382.11	-382.50	-382.89	-383.28	-383.67	-384.06	-384.45	-384.84	-385.23	-385.62	-386.01	-386.40	-386.79	-387.18	-387.57	-387.96	-388.35	-388.74	-389.13	-389.52	-389.91	-390.30	-390.69	-391.08	-391.47	-391.86	-392.25	-392.64	-393.03	-393.42	-393.81	-394.20	-394.59	-394.98	-395.37	-395.76	-396.15	-396.54	-396.93	-397.32	-397.71	-398.10	-398.49	-398.88	-399.27	-399.66	-400.05	-400.44	-400.83	-401.22	-401.61	-402.00	-402.39	-402.78	-403.17	-403.56	-403.95	-404.34	-404.73	-405.12	-405.51	-405.90	-406.29	-406.68	-407.07	-407.46	-407.85	-408.24	-408.63	-409.02	-409.41	-409.80	-410.19	-410.58	-410.97	-411.36	-411.75	-412.14	-412.53	-412.92	-413.31	-413.70	-414.09	-414.48	-414.87	-415.26	-415.65	-416.04	-416.43	-416.82	-417.21	-417.60	-417.99	-418.38	-418.77	-419.16	-419.55	-419.94	-420.33	-420.72	-421.11	-421.50	-421.89	-422.28	-422.67	-423.06	-423.45	-423.84	-424.23	-424.62	-425.01	-425.

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30 degree	3.80

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0		5.98	5.98	-41.9	-41.5	-58.7	-55.9	-55.9	-59.1	-48.6	-45.2	-11.08	-18.78	-23.91	-23.73	-30.88	-35.58	-32.02	-45.1	-39.9	-8.37	-45.5	-10.05	-11.36	-20.5	-42.9	-56.2	-52.1	-51.7	-53.2	-55.2	-54.1	-58.8	-46.5	-42.9	-41.1	-43.8	-44.3	-44.7	-50.7	-50.3	-49.8	-51.4	-53.7	-53.7	-53.7	-54.4	-40.6	-40.3	-78.5	-63.1	-55.5	-47.7	-43.0	-41.2	-41.4	-41.6	-41.8	-42.0	-42.2	-42.4	-42.6	-42.8	-43.0	-43.2	-43.4	-43.6	-43.8	-44.0	-44.2	-44.4	-44.6	-44.8	-45.0	-45.2	-45.4	-45.6	-45.8	-46.0	-46.2	-46.4	-46.6	-46.8	-47.0	-47.2	-47.4	-47.6	-47.8	-48.0	-48.2	-48.4	-48.6	-48.8	-49.0	-49.2	-49.4	-49.6	-49.8	-50.0	-50.2	-50.4	-50.6	-50.8	-51.0	-51.2	-51.4	-51.6	-51.8	-52.0	-52.2	-52.4	-52.6	-52.8	-53.0	-53.2	-53.4	-53.6	-53.8	-54.0	-54.2	-54.4	-54.6	-54.8	-55.0	-55.2	-55.4	-55.6	-55.8	-56.0	-56.2	-56.4	-56.6	-56.8	-57.0	-57.2	-57.4	-57.6	-57.8	-58.0	-58.2	-58.4	-58.6	-58.8	-59.0	-59.2	-59.4	-59.6	-59.8	-60.0	-60.2	-60.4	-60.6	-60.8	-61.0	-61.2	-61.4	-61.6	-61.8	-62.0	-62.2	-62.4	-62.6	-62.8	-63.0	-63.2	-63.4	-63.6	-63.8	-64.0	-64.2	-64.4	-64.6	-64.8	-65.0	-65.2	-65.4	-65.6	-65.8	-66.0	-66.2	-66.4	-66.6	-66.8	-67.0	-67.2	-67.4	-67.6	-67.8	-68.0	-68.2	-68.4	-68.6	-68.8	-69.0	-69.2	-69.4	-69.6	-69.8	-70.0	-70.2	-70.4	-70.6	-70.8	-71.0	-71.2	-71.4	-71.6	-71.8	-72.0	-72.2	-72.4	-72.6	-72.8	-73.0	-73.2	-73.4	-73.6	-73.8	-74.0	-74.2	-74.4	-74.6	-74.8	-75.0	-75.2	-75.4	-75.6	-75.8	-76.0	-76.2	-76.4	-76.6	-76.8	-77.0	-77.2	-77.4	-77.6	-77.8	-78.0	-78.2	-78.4	-78.6	-78.8	-79.0	-79.2	-79.4	-79.6	-79.8	-80.0	-80.2	-80.4	-80.6	-80.8	-81.0	-81.2	-81.4	-81.6	-81.8	-82.0	-82.2	-82.4	-82.6	-82.8	-83.0	-83.2	-83.4	-83.6	-83.8	-84.0	-84.2	-84.4	-84.6	-84.8	-85.0	-85.2	-85.4	-85.6	-85.8	-86.0	-86.2	-86.4	-86.6	-86.8	-87.0	-87.2	-87.4	-87.6	-87.8	-88.0	-88.2	-88.4	-88.6	-88.8	-89.0	-89.2	-89.4	-89.6	-89.8	-90.0	-90.2	-90.4	-90.6	-90.8	-91.0	-91.2	-91.4	-91.6	-91.8	-92.0	-92.2	-92.4	-92.6	-92.8	-93.0	-93.2	-93.4	-93.6	-93.8	-94.0	-94.2	-94.4	-94.6	-94.8	-95.0	-95.2	-95.4	-95.6	-95.8	-96.0	-96.2	-96.4	-96.6	-96.8	-97.0	-97.2	-97.4	-97.6	-97.8	-98.0	-98.2	-98.4	-98.6	-98.8	-99.0	-99.2	-99.4	-99.6	-99.8	-100.0	-100.2	-100.4	-100.6	-100.8	-101.0	-101.2	-101.4	-101.6	-101.8	-102.0	-102.2	-102.4	-102.6	-102.8	-103.0	-103.2	-103.4	-103.6	-103.8	-104.0	-104.2	-104.4	-104.6	-104.8	-105.0	-105.2	-105.4	-105.6	-105.8	-106.0	-106.2	-106.4	-106.6	-106.8	-107.0	-107.2	-107.4	-107.6	-107.8	-108.0	-108.2	-108.4	-108.6	-108.8	-109.0	-109.2	-109.4	-109.6	-109.8	-110.0	-110.2	-110.4	-110.6	-110.8	-111.0	-111.2	-111.4	-111.6	-111.8	-112.0	-112.2	-112.4	-112.6	-112.8	-113.0	-113.2	-113.4	-113.6	-113.8	-114.0	-114.2	-114.4	-114.6	-114.8	-115.0	-115.2	-115.4	-115.6	-115.8	-116.0	-116.2	-116.4	-116.6	-116.8	-117.0	-117.2	-117.4	-117.6	-117.8	-118.0	-118.2	-118.4	-118.6	-118.8	-119.0	-119.2	-119.4	-119.6	-119.8	-120.0	-120.2	-120.4	-120.6	-120.8	-121.0	-121.2	-121.4	-121.6	-121.8	-122.0	-122.2	-122.4	-122.6	-122.8	-123.0	-123.2	-123.4	-123.6	-123.8	-124.0	-124.2	-124.4	-124.6	-124.8	-125.0	-125.2	-125.4	-125.6	-125.8	-126.0	-126.2	-126.4	-126.6	-126.8	-127.0	-127.2	-127.4	-127.6	-127.8	-128.0	-128.2	-128.4	-128.6	-128.8	-129.0	-129.2	-129.4	-129.6	-129.8	-130.0	-130.2	-130.4	-130.6	-130.8	-131.0	-131.2	-131.4	-131.6	-131.8	-132.0	-132.2	-132.4	-132.6	-132.8	-133.0	-133.2	-133.4	-133.6	-133.8	-134.0	-134.2	-134.4	-134.6	-134.8	-135.0	-135.2	-135.4	-135.6	-135.8	-136.0	-136.2	-136.4	-136.6	-136.8	-137.0	-137.2	-137.4	-137.6	-137.8	-138.0	-138.2	-138.4	-138.6	-138.8	-139.0	-139.2	-139.4	-139.6	-139.8	-140.0	-140.2	-140.4	-140.6	-140.8	-141.0	-141.2	-141.4	-141.6	-141.8	-142.0	-142.2	-142.4	-142.6	-142.8	-143.0	-143.2	-143.4	-143.6	-143.8	-144.0	-144.2	-144.4	-144.6	-144.8	-145.0	-145.2	-145.4	-145.6	-145.8	-146.0	-146.2	-146.4	-146.6	-146.8	-147.0	-147.2	-147.4	-147.6	-147.8	-148.0	-148.2	-148.4	-148.6	-148.8	-149.0	-149.2	-149.4	-149.6	-149.8	-150.0	-150.2	-150.4	-150.6	-150.8	-151.0	-151.2	-151.4	-151.6	-151.8	-152.0	-152.2	-152.4	-152.6	-152.8	-153.0	-153.2	-153.4	-153.6	-153.8	-154.0	-154.2	-154.4	-154.6	-154.8	-155.0	-155.2	-155.4	-155.6	-155.8	-156.0	-156.2	-156.4	-156.6	-156.8	-157.0	-157.2	-157.4	-157.6	-157.8	-158.0	-158.2	-158.4	-158.6	-158.8	-159.0	-159.2	-159.4	-159.6	-159.8	-160.0	-160.2	-160.4	-160.6	-160.8	-161.0	-161.2	-161.4	-161.6	-161.8	-162.0	-162.2	-162.4	-162.6	-162.8	-163.0	-163.2	-163.4	-163.6	-163.8	-164.0	-164.2	-164.4	-164.6	-164.8	-165.0	-165.2	-165.4	-165.6	-165.8	-166.0	-166.2	-166.4	-166.6	-166.8	-167.0	-167.2	-167.4	-167.6	-167.8	-168.0	-168.2	-168.4	-168.6	-168.8	-169.0	-169.2	-169.4	-169.6	-169.8	-170.0	-170.2	-170.4	-170.6	-170.8	-171.0	-171.2	-171.4	-171.6	-171.8	-172.0	-172.2	-172.4	-172.6	-172.8	-173.0	-173.2	-173.4	-173.6	-173.8	-174.0	-174.2	-174.4	-174.6	-174.8	-175.0	-175.2	-175.4	-175.6	-175.8	-176.0	-176.2	-176.4	-176.6	-176.8	-177.0	-177.2	-177.4	-177.6	-177.8	-178.0	-178.2	-178.4	-178.6	-178.8	-179.0	-179.2	-179.4	-179.6	-179.8	-180.0	-180.2	-180.4	-180.6	-180.8	-181.0	-181.2	-181.4	-181.6	-181.8	-182.0	-182.2	-182.4	-182.6	-182.8	-183.0	-183.2	-183.4	-183.6	-183.8	-184.0	-184.2	-184.4	-184.6	-184.8	-185.0	-185.2	-185.4	-185.6	-185.8	-186.0	-186.2	-186.4	-186.6	-186.8	-187.0	-187.2	-187.4	-187.6	-187.8	-188.0	-188.2	-188.4	-188.6	-188.8	-189.0	-189.2	-189.4	-189.6	-189.8	-190.0	-190.2	-190.4	-190.6	-190.8	-191.0	-191.2	-191.4	-191.6	-191.8	-192.0	-192.2	-192.4	-192.6	-192.8	-193.0	-193.2	-193.4	-193.6	-193.8	-194.0	-194.2	-194.4	-194.6	-194.8	-195.0	-195.2	-195.4	-195.6	-195.8	-196.0	-196.2	-196.4	-196.6	-196.8	-197.0	-197.2	-197.4	-197.6	-197.8	-198.0	-198.2	-198.4	-198.6	-198.8	-199.0	-199.2	-199.4	-199.6	-199.8	-200.0	-200.2	-200.4	-200.6	-200.8	-201.0	-201.2	-201.4	-201.6	-201.8	-202.0	-202.2	-202.4	-202.6	-202.8	-203.0	-203.2	-203.4	-203.6	-203.8	-204.0	-204.2	-204.4	-204.6	-204.8	-205.0	-205.2	-205.4	-205.6	-205.8	-206.0	-206.2	-206.4	-206.6	-206.8	-207.0	-207.2	-207.4	-207.6	-207.8	-208.0	-208.2	-208.4	-208.6	-208.8	-209.0	-209.2	-209.4	-209.6	-209.8	-210.0	-210.2	-210.4	-210.6	-210.8	-211.0	-211.2	-211.4	-211.6	-211.8	-212.0	-212.2	-212.4	-212.6	-212.8	-213.0	-213.2	-213.4	-213.6	-213.8	-214.0	-214.2	-214.4	-214.6	-214.8	-215.0	-215.2	-215.4	-215.6	-215.8	-216.0	-216.2	-216.4	-216.6	-216.8	-217.0	-217.2	-217.4	-217.6	-217.8	-218.0	-218.2	-218.4	-218.6	-218.8	-219.0	-219.2	-219.4	-219.6	-219.8	-220.0	-220.2	-220.4	-220.6	-220.8	-221.0	-221.2	-221.4	-221.6	-221.8	-222.0	-222.2	-222.4	-222.6	-222.8	-223.0	-223.2	-223.4	-223.6	-223.8	-224.0	-224.2	-224.4	-224.6	-224.8	-225.0	-225.2	-225.4	-225.6	-225.8	-226.0	-226.2	-226.4	-226.6	-226.8	-227.0	-227.2	-227.4	-227.6	-227.8	-228.0	-228.2	-228.4	-228.6	-228.8	-229.0	-229.2	-229.4	-229.6	-229.8	-230.0	-230.2	-230.4	-230.6	-230.8	-231.0	-231.2	-231.4	-231.6	-231.8	-232.0	-232.2	-232.4	-232.6	-232.8	-233.0	-233.2	-233.4	-233.6	-233.8	-234.0	-234.2	-234.4	-234.6	-234.8	-235.0	-235.2	-235.4	-235.6	-235.8	-236.0	-236.2	-236.4	-236.6	-236.8	-237.0	-237.2	-237.4	-237.6	-237.8	-238.0	-238.2	-238.4	-238.6	-238.8	-239.0	-239.2	-239.4	-239.6	-239.8	-240.0	-240.2	-240.4	-240.6	-240.8	-241.0	-241.2	-241.4	-241.6	-241.8	-242.0	-242.2	-242.4	-242.6	-242.8	-243.0	-243.2	-243.4	-243.6	-243.8	-244.0	-244.2	-244.4	-244.6	-244.8	-245.0	-245.2	-245.4	-245.6	-245.8	-246.0	-246.2	-246.4	-246.6	-246.8	-247.0	-247.2	-247.4	-247.6	-247.8	-248.0	-248.2	-248.4	-248.6	-248.8	-249.0	-249.2	-249.4	-249.6	-249.8	-250.0	-250.2	-250.4	-250.6	-250.8	-251.0	-251.2	-251.4	-251.6	-251.8	-252.0	-252.2	-252.4	-252.6	-252.8	-253.0	-253.2	-253.4	-253.6	-253.8	-254.0	-254.2	-254.4	-254.6	-254.8	-255.0	-255.2	-255.4	-255.6	-255.8	-256.0	-256.2	-256.4	-256.6	-256.8	-257.0	-257.2	-257.4	-257.6	-257.8	-258.0	-258.2	-258.4	-258.6	-258.8	-259.0	-259.2	-259.4	-259.6	-259.8	-260.0	-260.2	-260.4	-260.6	-260.8	-261.0	-261.2	-261.4	-261.6	-261.8	-262.0	-262.2	-262.4	-262.6	-262.8	-263.0	-263.2	-263.4	-263.6	-263.8	-264.0	-264.2	-264.4	-264.6	-264.8	-265.0	-265.2	-265.4	-265.6	-265.8	-266.0	-266.2	-266.4	-266.6	-266.8	-267.0	-267.2	-267.4	-267.6	-267.8	-268.0	-268.2	-268.4	-268.6	-268.8	-269.0	-269.2	-269.4	-269.6	-269.8	-270.0	-270.2	-270.4	-270.6	-270.8	-271.0	-271.2	-271.4	-271.6	-271.8	-272.0	-272.2	-272.4	-272.6	-272.8	-273.0	-273.2	-27