

Table III Wavenumbers of the Observed and Calculated Transitions in the $\nu_1 + \nu_2$ Band of $F^{35}Cl^{18}O_3$

(I)			(II)	(III)	(IV)	(V)	(I)			(II)	(III)	(IV)	(V)
4	3	3	1718.05918	1718.06005	-0.00086	1.00	66	65	3	1734.82623	1734.82852	-0.00229	0.00
5	4	3	1718.37990	1718.37967	0.00023	1.00	3	3	3	1716.75593	1716.75604	-0.00011	1.00
6	5	3	1718.69683	1718.69770	-0.00087	1.00	4	4	3	1716.74894	1716.74968	-0.00073	1.00
7	6	3	1719.01350	1719.01413	-0.00063	1.00	5	5	3	1716.73900	1716.74172	-0.00272	0.00
8	7	3	1719.32799	1719.32897	-0.00098	0.00	6	6	3	1716.72800	1716.73217	-0.00417	0.00
9	8	3	1719.64151	1719.64220	-0.00069	1.00	5	6	3	1714.77558	1714.77619	-0.00061	1.00
10	9	3	1719.95297	1719.95384	-0.00087	1.00	6	7	3	1714.43784	1714.43906	-0.00122	0.00
11	10	3	1720.26323	1720.26387	-0.00064	1.00	7	8	3	1714.09957	1714.10036	-0.00078	1.00
12	11	3	1720.57101	1720.57230	-0.00129	0.00	8	9	3	1713.75959	1713.76007	-0.00047	1.00
13	12	3	1720.87822	1720.87913	-0.00091	1.00	9	10	3	1713.41718	1713.41819	-0.00101	0.00
14	13	3	1721.18364	1721.18435	-0.00071	1.00	10	11	3	1713.07366	1713.07474	-0.00108	0.00
15	14	3	1721.48679	1721.48797	-0.00118	0.00	11	12	3	1712.72896	1712.72971	-0.00075	1.00
16	15	3	1721.78912	1721.78998	-0.00086	1.00	12	13	3	1712.38217	1712.38310	-0.00093	1.00
17	16	3	1722.08965	1722.09039	-0.00074	1.00	13	14	3	1712.03407	1712.03491	-0.00084	1.00
18	17	3	1722.38862	1722.38919	-0.00057	1.00	14	15	3	1711.68435	1711.68514	-0.00079	1.00
19	18	3	1722.68567	1722.68638	-0.00070	1.00	15	16	3	1711.33274	1711.33380	-0.00107	0.00
20	19	3	1722.98143	1722.98196	-0.00053	1.00	16	17	3	1710.97887	1710.98089	-0.00201	0.00
21	20	3	1723.27534	1723.27593	-0.00059	1.00	17	18	3	1710.62565	1710.62640	-0.00075	1.00
22	21	3	1723.56755	1723.56829	-0.00074	1.00	18	19	3	1710.26949	1710.27034	-0.00085	1.00
23	22	3	1723.85817	1723.85904	-0.00086	1.00	19	20	3	1709.91180	1709.91271	-0.00091	1.00
24	23	3	1724.14745	1724.14817	-0.00073	1.00	20	21	3	1709.55239	1709.55351	-0.00113	0.00
25	24	3	1724.43506	1724.43570	-0.00064	1.00	21	22	3	1709.19202	1709.19275	-0.00073	1.00
26	25	3	1724.72074	1724.72161	-0.00086	1.00	22	23	3	1708.82973	1708.83042	-0.00069	1.00
27	26	3	1725.00530	1725.00590	-0.00060	1.00	23	24	3	1708.46566	1708.46652	-0.00086	1.00
28	27	3	1725.28787	1725.28858	-0.00071	1.00	24	25	3	1708.10023	1708.10106	-0.00083	1.00
29	28	3	1725.56886	1725.56965	-0.00079	1.00	25	26	3	1707.73303	1707.73403	-0.00100	1.00
30	29	3	1725.84845	1725.84909	-0.00065	1.00	26	27	3	1707.36459	1707.36544	-0.00086	1.00
31	30	3	1726.12603	1726.12692	-0.00089	1.00	27	28	3	1706.99444	1706.99530	-0.00085	1.00
32	31	3	1726.39500	1726.40314	-0.00814	0.00	28	29	3	1706.62268	1706.62359	-0.00091	1.00
33	32	3	1726.67717	1726.67773	-0.00056	1.00	29	30	3	1706.24956	1706.25033	-0.00077	1.00
34	33	3	1726.94979	1726.95070	-0.00091	1.00	30	31	3	1705.87473	1705.87551	-0.00078	1.00
35	34	3	1727.22102	1727.22206	-0.00103	1.00	31	32	3	1705.49830	1705.49914	-0.00084	1.00
36	35	3	1727.49123	1727.49179	-0.00056	1.00	32	33	3	1705.12030	1705.12121	-0.00091	1.00
37	36	3	1727.75748	1727.75990	-0.00242	0.00	33	34	3	1704.74086	1704.74173	-0.00088	1.00
38	37	3	1728.02555	1728.02640	-0.00084	1.00	34	35	3	1704.35989	1704.36070	-0.00081	1.00
39	38	3	1728.29000	1728.29126	-0.00126	0.00	35	36	3	1703.97721	1703.97813	-0.00092	1.00
40	39	3	1728.55387	1728.55451	-0.00065	1.00	36	37	3	1703.59305	1703.59400	-0.00095	1.00
41	40	3	1728.81522	1728.81614	-0.00091	1.00	37	38	3	1703.20763	1703.20833	-0.00070	1.00
42	41	3	1729.07508	1729.07614	-0.00106	1.00	38	39	3	1702.82055	1702.82112	-0.00056	1.00
43	42	3	1729.33348	1729.33451	-0.00103	1.00	39	40	3	1702.43132	1702.43236	-0.00104	1.00
44	43	3	1729.59063	1729.59127	-0.00064	1.00	40	41	3	1702.04096	1702.04206	-0.00110	1.00
45	44	3	1729.84570	1729.84640	-0.00069	1.00	41	42	3	1701.64910	1701.65022	-0.00113	1.00
46	45	3	1730.09909	1730.09990	-0.00081	1.00	42	43	3	1701.25539	1701.25685	-0.00145	0.00
47	46	3	1730.34600	1730.35178	-0.00578	0.00	43	44	3	1700.86129	1700.86193	-0.00064	1.00
48	47	3	1730.60097	1730.60203	-0.00106	0.00	44	45	3	1700.46482	1700.46549	-0.00066	1.00
49	48	3	1730.84951	1730.85066	-0.00115	0.00	45	46	3	1700.06668	1700.06751	-0.00083	1.00
50	49	3	1731.09667	1731.09766	-0.00099	1.00	46	47	3	1699.66718	1699.66800	-0.00082	1.00
51	50	3	1731.34238	1731.34303	-0.00066	1.00	47	48	3	1699.26592	1699.26696	-0.00104	1.00
52	51	3	1731.58556	1731.58678	-0.00122	0.00	48	49	3	1698.86328	1698.86439	-0.00111	0.00
53	52	3	1731.82823	1731.82891	-0.00068	1.00	49	50	3	1698.45935	1698.46030	-0.00094	1.00
54	53	3	1732.06100	1732.06940	-0.00840	0.00	50	51	3	1698.05393	1698.05468	-0.00075	1.00
55	54	3	1732.30200	1732.30827	-0.00627	0.00	51	52	3	1697.64657	1697.64754	-0.00098	1.00
56	55	3	1732.54479	1732.54552	-0.00072	1.00	52	53	3	1697.23783	1697.23889	-0.00106	1.00
57	56	3	1732.78267	1732.78113	0.00154	0.00	53	54	3	1696.82707	1696.82871	-0.00164	0.00
58	57	3	1733.01439	1733.01512	-0.00073	1.00	54	55	3	1696.41641	1696.41702	-0.00061	1.00
59	58	3	1733.24652	1733.24749	-0.00097	0.00	55	56	3	1696.00350	1696.00381	-0.00032	1.00
60	59	3	1733.47692	1733.47822	-0.00130	0.00	56	57	3	1695.58763	1695.58910	-0.00146	0.00
61	60	3	1733.70400	1733.70734	-0.00334	0.00	57	58	3	1695.17198	1695.17287	-0.00089	1.00
62	61	3	1733.93200	1733.93482	-0.00282	0.00	58	59	3	1694.75418	1694.75513	-0.00096	1.00
63	62	3	1734.16026	1734.16068	-0.00042	1.00	59	60	3	1694.33615	1694.33590	0.00026	0.00
64	63	3	1734.37700	1734.38492	-0.00792	0.00	60	61	3	1693.91386	1693.91515	-0.00130	0.00
65	64	3	1734.60900	1734.60753	0.00146	0.00	61	62	3	1693.49109	1693.49291	-0.00182	0.00

(I) In order the values of J upper, J lower and K lower are reported.

(II) Observed wavenumbers (in cm^{-1}).

(III) Calculated wavenumbers (in cm^{-1}).

(IV) Observed – Calculated values (in cm^{-1}).

(V) Transition weight..

Continued

(I)			(II)		(III)	(IV)	(V)	(I)			(II)	(III)	(IV)	(V)
62	63	3	1693.06700	1693.06917	-0.00217	0.00		12	13	6	1712.39033	1712.39003	0.00031	1.00
63	64	3	1692.64325	1692.64394	-0.00068	1.00		13	14	6	1712.04246	1712.04184	0.00063	1.00
64	65	3	1692.21633	1692.21721	-0.00088	1.00		14	15	6	1711.69280	1711.69207	0.00073	1.00
65	66	3	1691.78732	1691.78899	-0.00166	1.00		15	16	6	1711.34151	1711.34073	0.00077	1.00
66	67	3	1691.35973	1691.35928	0.00045	1.00		16	17	6	1710.98826	1710.98782	0.00044	1.00
67	68	3	1690.92741	1690.92809	-0.00068	1.00		17	18	6	1710.63340	1710.63333	0.00006	1.00
68	69	3	1690.49100	1690.49541	-0.00441	0.00		18	19	6	1710.27768	1710.27727	0.00040	1.00
69	70	3	1690.05500	1690.06126	-0.00626	0.00		19	20	6	1709.91978	1709.91965	0.00014	1.00
7	6	6	1719.01300	1719.02103	-0.00803	0.00		20	21	6	1709.56067	1709.56045	0.00022	1.00
8	7	6	1719.33687	1719.33586	0.00101	1.00		21	22	6	1709.20009	1709.19968	0.00041	1.00
9	8	6	1719.64919	1719.64909	0.00010	1.00		22	23	6	1708.83768	1708.83735	0.00033	1.00
10	9	6	1719.96091	1719.96072	0.00019	1.00		23	24	6	1708.47366	1708.47345	0.00021	1.00
11	10	6	1720.27095	1720.27075	0.00021	1.00		24	25	6	1708.10820	1708.10799	0.00021	1.00
12	11	6	1720.57971	1720.57918	0.00053	1.00		25	26	6	1707.74124	1707.74096	0.00028	1.00
13	12	6	1720.88649	1720.88600	0.00049	1.00		26	27	6	1707.37255	1707.37237	0.00018	1.00
14	13	6	1721.19156	1721.19122	0.00034	1.00		27	28	6	1707.00243	1707.00223	0.00020	1.00
15	14	6	1721.49565	1721.49484	0.00082	1.00		28	29	6	1706.63108	1706.63052	0.00056	1.00
16	15	6	1721.79702	1721.79684	0.00018	1.00		29	30	6	1706.25766	1706.25726	0.00040	1.00
17	16	6	1722.09794	1722.09725	0.00069	1.00		30	31	6	1705.88277	1705.88244	0.00033	1.00
18	17	6	1722.39649	1722.39604	0.00045	1.00		31	32	6	1705.50635	1705.50606	0.00029	1.00
19	18	6	1722.69357	1722.69323	0.00034	1.00		32	33	6	1705.12839	1705.12813	0.00026	1.00
20	19	6	1722.98881	1722.98880	0.00001	1.00		33	34	6	1704.74893	1704.74865	0.00028	1.00
21	20	6	1723.28317	1723.28277	0.00040	1.00		34	35	6	1704.36785	1704.36762	0.00023	1.00
22	21	6	1723.57530	1723.57513	0.00017	1.00		35	36	6	1703.98546	1703.98504	0.00041	1.00
23	22	6	1723.86633	1723.86587	0.00046	1.00		36	37	6	1703.60119	1703.60092	0.00027	1.00
24	23	6	1724.15539	1724.15500	0.00039	1.00		37	38	6	1703.21572	1703.21524	0.00047	1.00
25	24	6	1724.44272	1724.44252	0.00020	1.00		38	39	6	1702.82821	1702.82803	0.00018	1.00
26	25	6	1724.72903	1724.72843	0.00060	1.00		39	40	6	1702.43932	1702.43927	0.00005	1.00
27	26	6	1725.01305	1725.01272	0.00034	1.00		40	41	6	1702.04928	1702.04896	0.00032	1.00
28	27	6	1725.29577	1725.29539	0.00038	1.00		41	42	6	1701.65722	1701.65712	0.00009	1.00
29	28	6	1725.57647	1725.57645	0.00002	1.00		42	43	6	1701.26433	1701.26374	0.00059	1.00
30	29	6	1725.85617	1725.85589	0.00028	1.00		43	44	6	1700.86926	1700.86883	0.00044	1.00
31	30	6	1726.13402	1726.13372	0.00030	1.00		44	45	6	1700.47217	1700.47238	-0.00020	1.00
32	31	6	1726.41039	1726.40992	0.00047	1.00		45	46	6	1700.07480	1700.07439	0.00041	1.00
33	32	6	1726.68471	1726.68451	0.00020	1.00		46	47	6	1699.67533	1699.67488	0.00045	1.00
34	33	6	1726.95764	1726.95748	0.00017	1.00		47	48	6	1699.27415	1699.27383	0.00032	1.00
35	34	6	1727.22936	1727.22883	0.00053	1.00		48	49	6	1698.87150	1698.87126	0.00024	1.00
36	35	6	1727.49907	1727.49855	0.00052	1.00		49	50	6	1698.46718	1698.46716	0.00001	1.00
37	36	6	1727.76718	1727.76666	0.00052	1.00		50	51	6	1698.06246	1698.06154	0.00092	1.00
38	37	6	1728.03344	1728.03314	0.00029	1.00		51	52	6	1697.65424	1697.65440	-0.00015	1.00
39	38	6	1728.29840	1728.29801	0.00040	1.00		52	53	6	1697.24587	1697.24573	0.00014	1.00
40	39	6	1728.56208	1728.56125	0.00083	1.00		53	54	6	1696.83556	1696.83555	0.00001	1.00
41	40	6	1728.82358	1728.82286	0.00071	1.00		54	55	6	1696.42459	1696.42385	0.00074	1.00
42	41	6	1729.08350	1729.08286	0.00064	1.00		55	56	6	1696.01082	1696.01064	0.00019	1.00
43	42	6	1729.34168	1729.34123	0.00045	1.00		56	57	6	1695.59608	1695.59591	0.00017	1.00
44	43	6	1729.59836	1729.59797	0.00039	1.00		57	58	6	1695.18079	1695.17968	0.00111	1.00
45	44	6	1729.85362	1729.85309	0.00053	1.00		58	59	6	1694.76225	1694.76194	0.00031	1.00
46	45	6	1730.10740	1730.10659	0.00081	1.00		59	60	6	1694.34308	1694.34269	0.00040	1.00
47	46	6	1730.35953	1730.35846	0.00108	0.00		60	61	6	1693.92500	1693.92194	0.00306	0.00
48	47	6	1730.60892	1730.60870	0.00022	1.00		61	62	6	1693.49950	1693.49968	-0.00019	1.00
49	48	6	1730.85755	1730.85732	0.00023	1.00		62	63	6	1693.07522	1693.07593	-0.00071	1.00
50	49	6	1731.10490	1731.10431	0.00059	1.00		63	64	6	1692.64955	1692.65069	-0.00114	0.00
51	50	6	1731.35027	1731.34968	0.00060	1.00		64	65	6	1692.21600	1692.22395	-0.00795	0.00
52	51	6	1731.59365	1731.59341	0.00024	1.00		65	66	6	1691.79520	1691.79572	-0.00052	1.00
53	52	6	1731.83571	1731.83553	0.00018	1.00		66	67	6	1691.36585	1691.36600	-0.00015	1.00
54	53	6	1732.07667	1732.07601	0.00066	1.00		67	68	6	1690.93306	1690.93479	-0.00173	0.00
55	54	6	1732.32500	1732.31487	0.01013	0.00		68	69	6	1690.50064	1690.50210	-0.00146	1.00
56	55	6	1732.55219	1732.55210	0.00008	1.00		69	70	6	1690.06500	1690.06793	-0.00293	0.00
57	56	6	1732.78857	1732.78771	0.00086	1.00		10	9	9	1719.97210	1719.97219	-0.00010	1.00
58	57	6	1733.02222	1733.02169	0.00054	1.00		11	10	9	1720.28163	1720.28222	-0.00059	1.00
59	58	6	1733.25000	1733.25404	-0.00404	0.00		12	11	9	1720.59066	1720.59064	0.00002	1.00
60	59	6	1733.48491	1733.48476	0.00015	1.00		13	12	9	1720.89690	1720.89746	-0.00056	1.00
61	60	6	1733.71394	1733.71386	0.00008	1.00		14	13	9	1721.20259	1721.20267	-0.00008	1.00
62	61	6	1733.94174	1733.94133	0.00041	1.00		15	14	9	1721.50641	1721.50628	0.00012	1.00
63	62	6	1734.16686	1734.16718	-0.00032	1.00		16	15	9	1721.80862	1721.80828	0.00034	1.00
64	63	6	1734.39400	1734.39140	0.00260	0.00		17	16	9	1722.10916	1722.10868	0.00048	1.00
65	64	6	1734.61497	1734.61400	0.00097	0.00		18	17	9	1722.40778	1722.40747	0.00031	1.00
66	65	6	1734.83000	1734.83497	-0.00497	0.00		19	18	9	1722.70469	1722.70465	0.00004	1.00
6	6	6	1716.73952	1716.73908	0.00044	1.00		20	19	9	1723.00009	1723.00022	-0.00013	1.00
7	7	6	1716.72846	1716.72793	0.00052	1.00		21	20	9	1723.29433	1723.29418	0.00015	1.00
8	8	6	1716.71300	1716.71520	-0.00220	0.00		22	21	9	1723.58633	1723.58653	-0.00020	1.00
9	9	6	1716.70300	1716.70088	0.00212	0.00		23	22	9	1723.87682	1723.87726	-0.00045	1.00
10	10	6	1716.68652	1716.68496	0.00156	0.00		24	23	9	1724.16680	1724.16639	0.00041	1.00
11	11	6	1716.66755	1716.66746	0.00009	1.00		25	24	9	1724.45411	1724.45390	0.00022	1.00
6	7	6	1714.43700	1714.44598	-0.00898	0.00		26	25	9	1724.74010	1724.73980	0.00030	1.00
7	8	6	1714.11400	1714.10728	0.00672	0.00		27	26	9	1725.02417	1725.02408	0.00009	1.00
8	9	6	1713.76703	1713.76699	0.00004	1.00		28	27	9	1725.30653	1725.30674	-0.00021	1.00
9	10	6	1713.42559	1713.42512	0.00047	1.00		29	28	9	1725.58799	1725.58779	0.00020	1.00
10	11	6	1713.08216	1713.08167	0.00049	1.00		30	29	9	1725.86757	1725.86723	0.00034	1.00
11	12	6	1712.73706	1712.73664	0.00042	1.00		31	30	9	1726.14570	1726.14504	0.00066	1.00

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(I)			(II)		(III)	(IV)	(V)	(I)			(II)	(III)	(IV)	(V)
32	31	9	1726.42143	1726.42124	0.00020	1.00		51	52	9	1697.66599	1697.66582	0.00017	1.00
33	32	9	1726.69592	1726.69582	0.00011	1.00		52	53	9	1697.25680	1697.25715	-0.00035	1.00
34	33	9	1726.96874	1726.96877	-0.00003	1.00		53	54	9	1696.84726	1696.84696	0.00031	1.00
35	34	9	1727.24050	1727.24011	0.00039	1.00		54	55	9	1696.43495	1696.43525	-0.00030	1.00
36	35	9	1727.50976	1727.50983	-0.00007	1.00		55	56	9	1696.02192	1696.02202	-0.00010	1.00
37	36	9	1727.77854	1727.77792	0.00062	1.00		56	57	9	1695.60724	1695.60728	-0.00004	1.00
38	37	9	1728.04487	1728.04440	0.00047	1.00		57	58	9	1695.19049	1695.19104	-0.00054	1.00
39	38	9	1728.30911	1728.30925	-0.00014	1.00		58	59	9	1694.77387	1694.77328	0.00059	1.00
40	39	9	1728.57322	1728.57248	0.00074	1.00		59	60	9	1694.35351	1694.35402	-0.00050	1.00
41	40	9	1728.83436	1728.83408	0.00028	1.00		60	61	9	1693.93297	1693.93325	-0.00028	1.00
42	41	9	1729.09423	1729.09406	0.00017	1.00		61	62	9	1693.50936	1693.51098	-0.00162	0.00
43	42	9	1729.35266	1729.35242	0.00025	1.00		62	63	9	1693.08766	1693.08721	0.00045	1.00
44	43	9	1729.60829	1729.60915	-0.00086	0.00		63	64	9	1692.66400	1692.66195	0.00205	0.00
45	44	9	1729.86337	1729.86426	-0.00089	0.00		64	65	9	1692.23572	1692.23519	0.00053	1.00
46	45	9	1730.11702	1730.11774	-0.00072	1.00		65	66	9	1691.80684	1691.80694	-0.00010	1.00
47	46	9	1730.36995	1730.36959	0.00036	1.00		66	67	9	1691.37628	1691.37720	-0.00092	1.00
48	47	9	1730.62040	1730.61982	0.00058	1.00		67	68	9	1690.94427	1690.94597	-0.00170	0.00
49	48	9	1730.86941	1730.86842	0.00099	1.00		68	69	9	1690.51397	1690.51326	0.00071	0.00
50	49	9	1731.11590	1731.11540	0.00050	1.00		69	70	9	1690.07776	1690.07906	-0.00130	1.00
51	50	9	1731.36184	1731.36075	0.00109	0.00		13	12	12	1720.91308	1720.91351	-0.00043	1.00
52	51	9	1731.60509	1731.60447	0.00062	1.00		14	13	12	1721.21927	1721.21872	0.00056	1.00
53	52	9	1731.84690	1731.84657	0.00033	1.00		15	14	12	1721.52160	1721.52232	-0.00072	1.00
54	53	9	1732.08746	1732.08703	0.00043	1.00		16	15	12	1721.82341	1721.82431	-0.00090	0.00
55	54	9	1732.32536	1732.32587	-0.00052	1.00		17	16	12	1722.12497	1722.12470	0.00027	1.00
56	55	9	1732.56253	1732.56309	-0.00056	1.00		18	17	12	1722.42384	1722.42348	0.00036	1.00
57	56	9	1732.79892	1732.79867	0.00024	1.00		19	18	12	1722.72102	1722.72065	0.00038	1.00
58	57	9	1733.03331	1733.03263	0.00068	1.00		20	19	12	1723.01625	1723.01621	0.00004	1.00
59	58	9	1733.26589	1733.26496	0.00093	1.00		21	20	12	1723.31045	1723.31016	0.00029	1.00
60	59	9	1733.49694	1733.49566	0.00128	0.00		22	21	12	1723.60303	1723.60250	0.00053	1.00
61	60	9	1733.72491	1733.72474	0.00016	1.00		23	22	12	1723.89265	1723.89322	-0.00058	1.00
62	61	9	1733.95239	1733.95219	0.00020	1.00		24	23	12	1724.18245	1724.18234	0.00011	1.00
63	62	9	1734.17961	1734.17801	0.00160	0.00		25	24	12	1724.46969	1724.46984	-0.00015	1.00
9	9	9	1716.71306	1716.71239	0.00067	1.00		26	25	12	1724.75591	1724.75572	0.00019	1.00
10	10	9	1716.69639	1716.69647	-0.00008	1.00		27	26	12	1725.04005	1725.03999	0.00006	1.00
11	11	9	1716.67600	1716.67896	-0.00296	0.00		28	27	12	1725.32273	1725.32265	0.00008	1.00
12	12	9	1716.66100	1716.65986	0.00114	0.00		29	28	12	1725.60422	1725.60369	0.00053	1.00
13	13	9	1716.63953	1716.63917	0.00035	1.00		30	29	12	1725.88379	1725.88311	0.00068	1.00
14	14	9	1716.61708	1716.61689	0.00019	1.00		31	30	12	1726.16097	1726.16091	0.00006	1.00
9	10	9	1713.43613	1713.43667	-0.00054	1.00		32	31	12	1726.43734	1726.43709	0.00024	1.00
10	11	9	1713.09373	1713.09322	0.00051	1.00		33	32	12	1726.71185	1726.71166	0.00019	1.00
11	12	9	1712.74839	1712.74819	0.00021	1.00		34	33	12	1726.98446	1726.98460	-0.00014	1.00
12	13	9	1712.40121	1712.40158	-0.00037	1.00		35	34	12	1727.25598	1727.25592	0.00006	1.00
13	14	9	1712.05363	1712.05339	0.00024	1.00		36	35	12	1727.52555	1727.52563	-0.00008	1.00
14	15	9	1711.70423	1711.70363	0.00061	1.00		37	36	12	1727.79401	1727.79371	0.00031	1.00
15	16	9	1711.35185	1711.35229	-0.00044	1.00		38	37	12	1728.06005	1728.06016	-0.00011	1.00
16	17	9	1710.99959	1710.99938	0.00022	1.00		39	38	12	1728.32514	1728.32500	0.00014	1.00
17	18	9	1710.64529	1710.64489	0.00039	1.00		40	39	12	1728.58840	1728.58821	0.00019	1.00
18	19	9	1710.28889	1710.28883	0.00005	1.00		41	40	12	1728.84959	1728.84980	-0.00021	1.00
19	20	9	1709.93129	1709.93120	0.00009	1.00		42	41	12	1729.10993	1729.10976	0.00017	1.00
20	21	9	1709.57219	1709.57201	0.00018	1.00		43	42	12	1729.36856	1729.36810	0.00046	1.00
21	22	9	1709.21156	1709.21124	0.00032	1.00		44	43	12	1729.62495	1729.62481	0.00013	1.00
22	23	9	1708.84894	1708.84891	0.00003	1.00		45	44	12	1729.87965	1729.87990	-0.00025	1.00
23	24	9	1708.48509	1708.48501	0.00008	1.00		46	45	12	1730.13396	1730.13336	0.00060	1.00
24	25	9	1708.11975	1708.11955	0.00021	1.00		47	46	12	1730.38517	1730.38520	-0.00003	1.00
25	26	9	1707.75268	1707.75252	0.00016	1.00		48	47	12	1730.63542	1730.63541	0.00001	1.00
26	27	9	1707.38401	1707.38393	0.00008	1.00		49	48	12	1730.88425	1730.88399	0.00026	1.00
27	28	9	1707.01387	1707.01378	0.00009	1.00		50	49	12	1731.13093	1731.13094	-0.00001	1.00
28	29	9	1706.64218	1706.64207	0.00011	1.00		51	50	12	1731.37693	1731.37627	0.00066	1.00
29	30	9	1706.26902	1706.26881	0.00022	1.00		52	51	12	1731.61984	1731.61997	-0.00017	1.00
30	31	9	1705.89432	1705.89399	0.00033	1.00		53	52	12	1731.86240	1731.86204	0.00047	1.00
31	32	9	1705.51797	1705.51761	0.00037	1.00		54	53	12	1732.10242	1732.10248	-0.00007	1.00
32	33	9	1705.13991	1705.13968	0.00023	1.00		55	54	12	1732.34123	1732.34130	-0.00007	1.00
33	34	9	1704.76032	1704.76019	0.00013	1.00		56	55	12	1732.57782	1732.57848	-0.00067	1.00
34	35	9	1704.37938	1704.37916	0.00022	1.00		57	56	12	1732.81406	1732.81404	0.00001	1.00
35	36	9	1703.99698	1703.99658	0.00040	1.00		58	57	12	1733.04743	1733.04797	-0.00054	1.00
36	37	9	1703.61249	1703.61245	0.00005	1.00		59	58	12	1733.28012	1733.28028	-0.00016	1.00
37	38	9	1703.22680	1703.22677	0.00003	1.00		60	59	12	1733.51179	1733.51095	0.00084	1.00
38	39	9	1702.83987	1702.83955	0.00032	1.00		61	60	12	1733.74300	1733.74000	0.00300	0.00
39	40	9	1702.45110	1702.45078	0.00032	1.00		62	61	12	1733.96890	1733.96741	0.00149	0.00
40	41	9	1702.06080	1702.06048	0.00032	1.00		63	62	12	1734.19484	1734.19321	0.00163	0.00
41	42	9	1701.66842	1701.66863	-0.00021	1.00		64	63	12	1734.41200	1734.41737	-0.00537	0.00
42	43	9	1701.27548	1701.27524	0.00024	1.00		65	64	12	1734.64400	1734.63991	0.00409	0.00
43	44	9	1700.87988	1700.88032	-0.00044	1.00		12	12	12	1716.67691	1716.67598	0.00093	1.00
44	45	9	1700.48373	1700.48386	-0.00014	1.00		13	13	12	1716.65594	1716.65529	0.00066	1.00
45	46	9	1700.08629	1700.08587	0.00042	1.00		14	14	12	1716.63000	1716.63300	-0.00300	0.00
46	47	9	1699.68652	1699.68635	0.00017	1.00		15	15	12	1716.61035	1716.60913	0.00122	0.00
47	48	9	1699.28549	1699.28530	0.00019	1.00		16	16	12	1716.58358	1716.58366	-0.00008	1.00
48	49	9	1698.88321	1698.88272	0.00049	1.00		17	17	12	1716.55663	1716.55660	0.00003	1.00
49	50	9	1698.47823	1698.47861	-0.00038	1.00		18	18	12	1716.52837	1716.52796	0.00041	1.00
50	51	9	1698.07240	1698.07298	-0.00057	1.00		19	19	12	1716.49832	1716.49		

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(I)		(II)	(III)	(IV)	(V)	(I)		(II)	(III)	(IV)	(V)
20	20 12	1716.46517	1716.46589	-0.00072	1.00	37	36 15	1727.81344	1727.81402	-0.00058	1.00
12	13 12	1712.41753	1712.41776	-0.00023	1.00	38	37 15	1728.08068	1728.08046	0.00022	1.00
13	14 12	1712.07142	1712.06958	0.00185	0.00	39	38 15	1728.34522	1728.34527	-0.00005	1.00
14	15 12	1711.71855	1711.71982	-0.00126	0.00	40	39 15	1728.60869	1728.60846	0.00023	1.00
15	16 12	1711.36895	1711.36848	0.00047	1.00	41	40 15	1728.86981	1728.87003	-0.00022	1.00
16	17 12	1711.01595	1711.01557	0.00039	1.00	42	41 15	1729.13045	1729.12997	0.00048	1.00
17	18 12	1710.66113	1710.66108	0.00004	1.00	43	42 15	1729.38789	1729.38829	-0.00039	1.00
18	19 12	1710.30473	1710.30503	-0.00029	1.00	44	43 15	1729.64590	1729.64498	0.00092	1.00
19	20 12	1709.94759	1709.94740	0.00019	1.00	45	44 15	1729.90044	1729.90004	0.00040	1.00
20	21 12	1709.58838	1709.58820	0.00018	1.00	46	45 15	1730.15366	1730.15348	0.00018	1.00
21	22 12	1709.22748	1709.22743	0.00004	1.00	47	46 15	1730.40502	1730.40529	-0.00026	1.00
22	23 12	1708.86526	1708.86510	0.00016	1.00	48	47 15	1730.65606	1730.65547	0.00059	1.00
23	24 12	1708.50133	1708.50120	0.00013	1.00	49	48 15	1730.90390	1730.90402	-0.00012	1.00
24	25 12	1708.13561	1708.13574	-0.00013	1.00	50	49 15	1731.15069	1731.15095	-0.00026	1.00
25	26 12	1707.76861	1707.76871	-0.00010	1.00	51	50 15	1731.39639	1731.39625	0.00014	1.00
26	27 12	1707.40012	1707.40012	0.00000	1.00	52	51 15	1731.64063	1731.63992	0.00072	1.00
27	28 12	1707.03010	1707.02997	0.00013	1.00	53	52 15	1731.88134	1731.88196	-0.00061	1.00
28	29 12	1706.65852	1706.65826	0.00026	1.00	54	53 15	1732.12280	1732.12237	0.00043	1.00
29	30 12	1706.28474	1706.28499	-0.00025	1.00	55	54 15	1732.36159	1732.36116	0.00043	1.00
30	31 12	1705.91015	1705.91017	-0.00001	1.00	56	55 15	1732.59847	1732.59831	0.00016	1.00
31	32 12	1705.53387	1705.53379	0.00008	1.00	57	56 15	1732.83420	1732.83383	0.00037	1.00
32	33 12	1705.15608	1705.15585	0.00023	1.00	58	57 15	1733.06709	1733.06773	-0.00064	1.00
33	34 12	1704.77655	1704.77636	0.00019	1.00	59	58 15	1733.30013	1733.30000	0.00013	1.00
34	35 12	1704.39551	1704.39533	0.00018	1.00	60	59 15	1733.52877	1733.53063	-0.00187	0.00
35	36 12	1704.01248	1704.01274	-0.00026	1.00	61	60 15	1733.76021	1733.75964	0.00057	1.00
36	37 12	1703.62867	1703.62860	0.00007	1.00	62	61 15	1733.98852	1733.98702	0.00150	0.00
37	38 12	1703.24323	1703.24292	0.00031	1.00	63	62 15	1734.21329	1734.21277	0.00052	1.00
38	39 12	1702.85587	1702.85569	0.00017	1.00	64	63 15	1734.43000	1734.43689	-0.00689	0.00
39	40 12	1702.46719	1702.46692	0.00027	1.00	65	64 15	1734.65500	1734.65939	-0.00439	0.00
40	41 12	1702.07661	1702.07661	0.00001	1.00	15	15 15	1716.63055	1716.62985	0.00070	1.00
41	42 12	1701.68562	1701.68475	0.00087	1.00	16	16 15	1716.60511	1716.60438	0.00073	1.00
42	43 12	1701.29191	1701.29136	0.00055	1.00	17	17 15	1716.57500	1716.57732	-0.00232	0.00
43	44 12	1700.89652	1700.89643	0.00010	1.00	18	18 15	1716.54926	1716.54867	0.00060	1.00
44	45 12	1700.50110	1700.49996	0.00114	0.00	19	19 15	1716.51886	1716.51842	0.00044	1.00
45	46 12	1700.10243	1700.10196	0.00047	1.00	20	20 15	1716.48644	1716.48659	-0.00015	1.00
46	47 12	1699.70273	1699.70243	0.00030	1.00	21	21 15	1716.45238	1716.45317	-0.00079	1.00
47	48 12	1699.30141	1699.30136	0.00005	1.00	22	22 15	1716.41733	1716.41815	-0.00082	1.00
48	49 12	1698.89903	1698.89877	0.00026	1.00	23	23 15	1716.38164	1716.38155	0.00009	1.00
49	50 12	1698.49460	1698.49465	-0.00005	1.00	24	24 15	1716.34379	1716.34335	0.00044	1.00
50	51 12	1698.08909	1698.08901	0.00008	1.00	25	25 15	1716.30400	1716.30357	0.00044	1.00
51	52 12	1697.68258	1697.68184	0.00074	1.00	15	16 15	1711.39039	1711.38931	0.00109	0.00
52	53 12	1697.27342	1697.27315	0.00027	1.00	16	17 15	1711.03792	1711.03640	0.00152	0.00
53	54 12	1696.86378	1696.86294	0.00084	1.00	17	18 15	1710.68155	1710.68191	-0.00037	1.00
54	55 12	1696.45144	1696.45122	0.00023	1.00	18	19 15	1710.33000	1710.32586	0.00414	0.00
55	56 12	1696.03907	1696.03798	0.00109	1.00	19	20 15	1709.96804	1709.96823	-0.00019	1.00
56	57 12	1695.62229	1695.62322	-0.00094	0.00	20	21 15	1709.60922	1709.60903	0.00019	1.00
57	58 12	1695.20666	1695.20696	-0.00029	1.00	21	22 15	1709.24839	1709.24827	0.00012	1.00
58	59 12	1694.79150	1694.78918	0.00232	0.00	22	23 15	1708.88566	1708.88594	-0.00028	1.00
59	60 12	1694.36986	1694.36990	-0.00004	1.00	23	24 15	1708.52209	1708.52204	0.00006	1.00
60	61 12	1693.94888	1693.94911	-0.00023	1.00	24	25 15	1708.15641	1708.15657	-0.00016	1.00
61	62 12	1693.52597	1693.52682	-0.00085	1.00	25	26 15	1707.78921	1707.78954	-0.00033	1.00
62	63 12	1693.10280	1693.10303	-0.00023	1.00	26	27 15	1707.42084	1707.42095	-0.00011	1.00
63	64 12	1692.67762	1692.67774	-0.00012	1.00	27	28 15	1707.05075	1707.05080	-0.00005	1.00
64	65 12	1692.25040	1692.25096	-0.00056	1.00	28	29 15	1706.67898	1706.67909	-0.00010	1.00
65	66 12	1691.82080	1691.82268	-0.00188	0.00	29	30 15	1706.30581	1706.30581	-0.00001	1.00
66	67 12	1691.39244	1691.39291	-0.00047	1.00	30	31 15	1705.93088	1705.93099	-0.00010	1.00
67	68 12	1690.96002	1690.96166	-0.00163	0.00	31	32 15	1705.55455	1705.55460	-0.00005	1.00
68	69 12	1690.52834	1690.52892	-0.00058	1.00	32	33 15	1705.17671	1705.17666	0.00004	1.00
69	70 12	1690.09459	1690.09469	-0.00010	1.00	33	34 15	1704.79726	1704.79717	0.00009	1.00
16	15 15	1721.84300	1721.84493	-0.00193	0.00	34	35 15	1704.41624	1704.41613	0.00011	1.00
17	16 15	1722.14601	1722.14531	0.00070	1.00	35	36 15	1704.03364	1704.03354	0.00011	1.00
18	17 15	1722.44496	1722.44408	0.00089	0.00	36	37 15	1703.64959	1703.64939	0.00020	1.00
19	18 15	1722.74102	1722.74123	-0.00022	1.00	37	38 15	1703.26370	1703.26370	-0.00001	1.00
20	19 15	1723.03705	1723.03678	0.00027	1.00	38	39 15	1702.87630	1702.87647	-0.00017	1.00
21	20 15	1723.33089	1723.33072	0.00017	1.00	39	40 15	1702.48790	1702.48769	0.00021	1.00
22	21 15	1723.62280	1723.62305	-0.00025	1.00	40	41 15	1702.09750	1702.09737	0.00013	1.00
23	22 15	1723.92100	1723.91376	0.00724	0.00	41	42 15	1701.70572	1701.70550	0.00021	1.00
24	23 15	1724.20288	1724.20286	0.00002	1.00	42	43 15	1701.31262	1701.31210	0.00053	1.00
25	24 15	1724.49032	1724.49035	-0.00003	1.00	43	44 15	1700.91754	1700.91716	0.00038	1.00
26	25 15	1724.77615	1724.77622	-0.00006	1.00	44	45 15	1700.52070	1700.52068	0.00002	1.00
27	26 15	1725.06048	1725.06047	0.00000	1.00	45	46 15	1700.12196	1700.12267	-0.00071	1.00
28	27 15	1725.34363	1725.34311	0.00052	1.00	46	47 15	1699.72284	1699.72312	-0.00028	1.00
29	28 15	1725.62419	1725.62414	0.00005	1.00	47	48 15	1699.32244	1699.32205	0.00040	1.00
30	29 15	1725.90350	1725.90354	-0.00004	1.00	48	49 15	1698.91956	1698.91944	0.00012	1.00
31	30 15	1726.18120	1726.18133	-0.00013	1.00	49	50 15	1698.51542	1698.51530	0.00011	1.00
32	31 15	1726.45772	1726.45749	0.00023	1.00	50	51 15	1698.10983	1698.10964	0.00019	1.00
33	32 15	1726.72600	1726.73204	-0.00604	0.00	51	52 15	1697.70217	1697.70246	-0.00029	1.00
34	33 15	1727.00485	1727.00497	-0.00012	1.00	52	53 15	1697.29330	1697.29375	-0.00045	1.00
35	34 15	1727.27603	1727.27627	-0.00024	1.00	53	54 15	1696.88407	1696.88353	0.00055	1.00
36	35 15	1727.54571	1727.54596	-0.00025	1.00	54	55 15	1696.47205	1696.47178	0.00027	1.00

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(I)		(II)	(III)	(IV)	(V)	(I)		(II)	(III)	(IV)	(V)		
55	56	15	1696.05846	1696.05852	-0.00006	1.00	25	26	18	1707.81486	1707.81503	-0.00017	1.00
56	57	15	1695.64474	1695.64374	0.00100	1.00	26	27	18	1707.44611	1707.44644	-0.00032	1.00
57	58	15	1695.22778	1695.22745	0.00033	1.00	27	28	18	1707.07652	1707.07628	0.00023	1.00
58	59	15	1694.81009	1694.80965	0.00044	1.00	28	29	18	1706.70444	1706.70457	-0.00013	1.00
59	60	15	1694.39010	1694.39035	-0.00024	1.00	29	30	18	1706.33129	1706.33129	0.00000	1.00
60	61	15	1693.96840	1693.96953	-0.00114	0.00	30	31	18	1705.95659	1705.95646	0.00013	1.00
61	62	15	1693.54631	1693.54722	-0.00091	0.00	31	32	18	1705.58007	1705.58007	0.00000	1.00
62	63	15	1693.12379	1693.12340	0.00039	1.00	32	33	18	1705.20211	1705.20213	-0.00002	1.00
63	64	15	1692.69739	1692.69808	-0.00069	0.00	33	34	18	1704.82230	1704.82263	-0.00033	1.00
64	65	15	1692.27137	1692.27127	0.00010	1.00	34	35	18	1704.44143	1704.44158	-0.00016	1.00
65	66	15	1691.84303	1691.84296	0.00007	1.00	35	36	18	1704.05888	1704.05898	-0.00011	1.00
66	67	15	1691.41538	1691.41315	0.00223	0.00	36	37	18	1703.67500	1703.67483	0.00017	1.00
67	68	15	1690.98210	1690.98186	0.00023	1.00	37	38	18	1703.28898	1703.28914	-0.00016	1.00
68	69	15	1690.54883	1690.54909	-0.00026	1.00	38	39	18	1702.90199	1702.90189	0.00010	1.00
69	70	15	1690.11434	1690.11482	-0.00049	1.00	39	40	18	1702.51316	1702.51310	0.00006	1.00
19	18	18	1722.76646	1722.76642	0.00004	1.00	40	41	18	1702.12256	1702.12277	-0.00021	1.00
20	19	18	1723.06206	1723.06195	0.00011	1.00	41	42	18	1701.73086	1701.73090	-0.00003	1.00
21	20	18	1723.35607	1723.35588	0.00020	1.00	42	43	18	1701.33718	1701.33748	-0.00031	1.00
22	21	18	1723.64775	1723.64819	-0.00044	1.00	43	44	18	1700.94284	1700.94253	0.00031	1.00
23	22	18	1723.93925	1723.93888	0.00037	1.00	44	45	18	1700.54644	1700.54604	0.00040	1.00
24	23	18	1724.22737	1724.22797	-0.00059	1.00	45	46	18	1700.14816	1700.14801	0.00015	1.00
25	24	18	1724.51520	1724.51544	-0.00024	1.00	46	47	18	1699.74756	1699.74845	-0.00089	1.00
26	25	18	1724.80088	1724.80129	-0.00041	1.00	47	48	18	1699.34736	1699.34736	0.00000	1.00
27	26	18	1725.08580	1725.08553	0.00027	1.00	48	49	18	1698.94437	1698.94474	-0.00037	1.00
28	27	18	1725.36813	1725.36815	-0.00002	1.00	49	50	18	1698.54123	1698.54058	0.00064	1.00
29	28	18	1725.64938	1725.64916	0.00022	1.00	50	51	18	1698.13451	1698.13491	-0.00039	1.00
30	29	18	1725.92854	1725.92854	0.00000	1.00	51	52	18	1697.72795	1697.72770	0.00024	1.00
31	30	18	1726.20630	1726.20631	-0.00001	1.00	52	53	18	1697.31905	1697.31897	0.00008	1.00
32	31	18	1726.48241	1726.48246	-0.00005	1.00	53	54	18	1696.91026	1696.90873	0.00153	0.00
33	32	18	1726.75651	1726.75698	-0.00047	1.00	54	55	18	1696.49698	1696.49696	0.00002	1.00
34	33	18	1727.02977	1727.02989	-0.00011	1.00	55	56	18	1696.08365	1696.08367	-0.00002	1.00
35	34	18	1727.30000	1727.30117	-0.00117	0.00	56	57	18	1695.66933	1695.66887	0.00046	1.00
36	35	18	1727.57095	1727.57083	0.00012	1.00	57	58	18	1695.25328	1695.25255	0.00073	1.00
37	36	18	1727.83880	1727.83887	-0.00007	1.00	58	59	18	1694.83451	1694.83473	-0.00022	1.00
38	37	18	1728.10502	1728.10529	-0.00027	1.00	59	60	18	1694.41594	1694.41539	0.00055	1.00
39	38	18	1728.37002	1728.37008	-0.00006	1.00	60	61	18	1693.99475	1693.99455	0.00020	1.00
40	39	18	1728.63316	1728.63324	-0.00008	1.00	61	62	18	1693.57500	1693.57220	0.00280	0.00
41	40	18	1728.89438	1728.89478	-0.00040	1.00	62	63	18	1693.14949	1693.14834	0.00115	0.00
42	41	18	1729.15436	1729.15470	-0.00034	1.00	63	64	18	1692.71900	1692.72299	-0.00399	0.00
43	42	18	1729.41324	1729.41299	0.00025	1.00	64	65	18	1692.30100	1692.29614	0.00486	0.00
44	43	18	1729.66997	1729.66965	0.00032	1.00	65	66	18	1691.86200	1691.86779	-0.00579	0.00
45	44	18	1729.92450	1729.92469	-0.00018	1.00	66	67	18	1691.43400	1691.43795	-0.00395	0.00
46	45	18	1730.17809	1730.17809	-0.00001	1.00	67	68	18	1691.00400	1691.00662	-0.00262	0.00
47	46	18	1730.43025	1730.42987	0.00038	1.00	68	69	18	1690.57365	1690.57380	-0.00015	1.00
48	47	18	1730.68012	1730.68003	0.00009	1.00	69	70	18	1690.13786	1690.13949	-0.00162	0.00
49	48	18	1730.92878	1730.92855	0.00023	1.00	22	21	21	1723.67897	1723.67793	0.00105	0.00
50	49	18	1731.17401	1731.17544	-0.00143	0.00	23	22	21	1723.96862	1723.96861	0.00002	1.00
51	50	18	1731.42003	1731.42071	-0.00067	1.00	24	23	21	1724.25830	1724.25767	0.00062	1.00
52	51	18	1731.66374	1731.66434	-0.00060	1.00	25	24	21	1724.54479	1724.54512	-0.00034	1.00
53	52	18	1731.90647	1731.90635	0.00013	1.00	26	25	21	1724.83077	1724.83096	-0.00019	1.00
54	53	18	1732.14695	1732.14672	0.00023	1.00	27	26	21	1725.11565	1725.11518	0.00047	1.00
55	54	18	1732.38651	1732.38547	0.00104	1.00	28	27	21	1725.39807	1725.39778	0.00029	1.00
56	55	18	1732.62453	1732.62258	0.00195	0.00	29	28	21	1725.67819	1725.67876	-0.00057	1.00
57	56	18	1732.85981	1732.85807	0.00174	0.00	30	29	21	1725.95772	1725.95813	-0.00040	1.00
58	57	18	1733.09308	1733.09192	0.00116	0.00	31	30	21	1726.23619	1726.23587	0.00032	1.00
59	58	18	1733.32358	1733.32414	-0.00056	1.00	32	31	21	1726.51216	1726.51199	0.00017	1.00
60	59	18	1733.55558	1733.55474	0.00084	1.00	33	32	21	1726.78654	1726.78650	0.00004	1.00
61	60	18	1733.78335	1733.78370	-0.00035	1.00	34	33	21	1727.05955	1727.05938	0.00018	1.00
62	61	18	1734.01149	1734.01103	0.00046	1.00	35	34	21	1727.33075	1727.33064	0.00011	1.00
63	62	18	1734.23676	1734.23673	0.00003	1.00	36	35	21	1727.60002	1727.60027	-0.00026	1.00
18	18	18	1716.57493	1716.57401	0.00092	1.00	37	36	21	1727.86825	1727.86829	-0.00004	1.00
19	19	18	1716.54358	1716.54376	-0.00018	1.00	38	37	21	1728.13427	1728.13467	-0.00040	1.00
20	20	18	1716.50900	1716.51192	-0.00292	0.00	39	38	21	1728.39972	1728.39944	0.00028	1.00
21	21	18	1716.47917	1716.47848	0.00069	1.00	40	39	21	1728.66266	1728.66257	0.00009	1.00
22	22	18	1716.44393	1716.44346	0.00047	1.00	41	40	21	1728.92389	1728.92409	-0.00020	1.00
23	23	18	1716.40665	1716.40685	-0.00020	1.00	42						

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(I)			(II)	(III)	(IV)	(V)	(I)			(II)	(III)	(IV)	(V)
57	56	21	1732.88702	1732.88676	0.00026	1.00	64	65	21	1692.32497	1692.32561	-0.00064	1.00
58	57	21	1733.12044	1733.12057	-0.00013	1.00	65	66	21	1691.89739	1691.89722	0.00017	1.00
59	58	21	1733.35356	1733.35274	0.00081	1.00	66	67	21	1691.46857	1691.46733	0.00124	0.00
60	59	21	1733.58297	1733.58329	-0.00032	1.00	67	68	21	1691.03731	1691.03595	0.00136	0.00
61	60	21	1733.81198	1733.81220	-0.00021	1.00	68	69	21	1690.60294	1690.60308	-0.00014	1.00
62	61	21	1734.04033	1734.03947	0.00085	1.00	69	70	21	1690.17014	1690.16872	0.00142	0.00
63	62	21	1734.26545	1734.26512	0.00033	1.00	25	24	24	1724.57965	1724.57942	0.00022	1.00
64	63	21	1734.48847	1734.48913	-0.00067	1.00	26	25	24	1724.86557	1724.86524	0.00033	1.00
65	64	21	1734.71210	1734.71152	0.00058	1.00	27	26	24	1725.14933	1725.14943	-0.00010	1.00
66	65	21	1734.93184	1734.93227	-0.00043	1.00	28	27	24	1725.43259	1725.43201	0.00058	1.00
67	66	21	1735.15187	1735.15139	0.00048	1.00	29	28	24	1725.71230	1725.71297	-0.00066	1.00
21	21	21	1716.50980	1716.50844	0.00136	0.00	30	29	24	1725.99215	1725.99231	-0.00015	1.00
22	22	21	1716.47364	1716.47341	0.00023	1.00	31	30	24	1726.27020	1726.27003	0.00017	1.00
23	23	21	1716.43300	1716.43678	-0.00378	0.00	32	31	24	1726.54614	1726.54612	0.00001	1.00
24	24	21	1716.39831	1716.39857	-0.00027	1.00	33	32	24	1726.82108	1726.82060	0.00048	1.00
25	25	21	1716.35947	1716.35877	0.00070	1.00	34	33	24	1727.09304	1727.09345	-0.00042	1.00
26	26	21	1716.31747	1716.31738	0.00009	1.00	35	34	24	1727.36469	1727.36469	0.00000	1.00
27	27	21	1716.27439	1716.27439	0.00000	1.00	36	35	24	1727.63428	1727.63429	-0.00001	1.00
28	28	21	1716.22988	1716.22982	0.00006	1.00	37	36	24	1727.90255	1727.90228	0.00028	1.00
29	29	21	1716.18351	1716.18366	-0.00015	1.00	38	37	24	1728.16813	1728.16863	-0.00050	1.00
30	30	21	1716.13624	1716.13591	0.00033	1.00	39	38	24	1728.43296	1728.43337	-0.00041	1.00
31	31	21	1716.08648	1716.08657	-0.00009	1.00	40	39	24	1728.69671	1728.69647	0.00024	1.00
32	32	21	1716.03541	1716.03564	-0.00023	1.00	41	40	24	1728.95771	1728.95795	-0.00024	1.00
33	33	21	1715.98207	1715.98312	-0.00105	0.00	42	41	24	1729.21778	1729.21780	-0.00003	1.00
21	22	21	1709.30433	1709.30392	0.00042	1.00	43	42	24	1729.47617	1729.47602	0.00014	1.00
22	23	21	1708.94027	1708.94158	-0.00132	0.00	44	43	24	1729.73191	1729.73262	-0.00071	1.00
23	24	21	1708.57765	1708.57768	-0.00004	1.00	45	44	24	1729.98742	1729.98759	-0.00017	1.00
24	25	21	1708.21265	1708.21222	0.00044	1.00	46	45	24	1730.24052	1730.24092	-0.00040	1.00
25	26	21	1707.84519	1707.84519	0.00000	1.00	47	46	24	1730.49241	1730.49263	-0.00022	1.00
26	27	21	1707.47664	1707.47659	0.00005	1.00	48	47	24	1730.74278	1730.74270	0.00007	1.00
27	28	21	1707.10601	1707.10644	-0.00042	1.00	49	48	24	1730.99007	1730.99115	-0.00108	0.00
28	29	21	1706.73531	1706.73472	0.00059	1.00	50	49	24	1731.23847	1731.23796	0.00051	1.00
29	30	21	1706.36178	1706.36144	0.00034	0.00	51	50	24	1731.48364	1731.48314	0.00050	1.00
30	31	21	1705.98664	1705.98661	0.00003	1.00	52	51	24	1731.72753	1731.72669	0.00084	1.00
31	32	21	1705.60979	1705.61021	-0.00042	1.00	53	52	24	1731.96933	1731.96861	0.00072	1.00
32	33	21	1705.23240	1705.23226	0.00013	1.00	54	53	24	1732.20870	1732.20890	-0.00020	1.00
33	34	21	1704.85286	1704.85276	0.00009	1.00	55	54	24	1732.44782	1732.44755	0.00027	1.00
34	35	21	1704.47133	1704.47171	-0.00037	1.00	56	55	24	1732.68364	1732.68457	-0.00093	0.00
35	36	21	1704.08882	1704.08910	-0.00028	1.00	57	56	24	1732.91970	1732.91995	-0.00025	1.00
36	37	21	1703.70494	1703.70494	0.00000	1.00	58	57	24	1733.15412	1733.15371	0.00041	1.00
37	38	21	1703.31892	1703.31924	-0.00032	1.00	59	58	24	1733.39100	1733.38582	0.00518	0.00
38	39	21	1702.93188	1702.93198	-0.00010	1.00	60	59	24	1733.61780	1733.61631	0.00149	0.00
39	40	21	1702.54312	1702.54318	-0.00006	1.00	61	60	24	1733.84476	1733.84516	-0.00040	1.00
27	28	21	1707.10601	1707.10644	-0.00042	1.00	62	61	24	1734.07231	1734.07238	-0.00007	1.00
28	29	21	1706.73531	1706.73472	0.00059	1.00	63	62	24	1734.29600	1734.29796	-0.00196	0.00
29	30	21	1706.36178	1706.36144	0.00034	0.00	64	63	24	1734.52310	1734.52191	0.00119	0.00
30	31	21	1705.98664	1705.98661	0.00003	1.00	65	64	24	1734.74358	1734.74423	-0.00065	1.00
31	32	21	1705.60979	1705.61021	-0.00042	1.00	66	65	24	1734.96486	1734.96491	-0.00006	1.00
32	33	21	1705.23240	1705.23226	0.00013	1.00	67	66	24	1735.18365	1735.18397	-0.00031	1.00
33	34	21	1704.85286	1704.85276	0.00009	1.00	24	24	24	1716.43388	1716.43315	0.00073	1.00
34	35	21	1704.47133	1704.47171	-0.00037	1.00	25	25	24	1716.39422	1716.39333	0.00089	1.00
35	36	21	1704.08882	1704.08910	-0.00028	1.00	26	26	24	1716.34900	1716.35193	-0.00293	0.00
36	37	21	1703.70494	1703.70494	0.00000	1.00	27	27	24	1716.30956	1716.30893	0.00062	1.00
37	38	21	1703.31892	1703.31924	-0.00032	1.00	28	28	24	1716.26426	1716.26435	-0.00009	1.00
38	39	21	1702.93188	1702.93198	-0.00010	1.00	29	29	24	1716.21842	1716.21817	0.00025	1.00
39	40	21	1702.54312	1702.54318	-0.00006	1.00	30	30	24	1716.17082	1716.17041	0.00041	1.00
40	41	21	1702.15293	1702.15284	0.00009	1.00	31	31	24	1716.12092	1716.12105	-0.00013	1.00
41	42	21	1701.76127	1701.76095	0.00031	1.00	32	32	24	1716.06989	1716.07011	-0.00022	1.00
42	43	21	1701.36755	1701.36753	0.00003	1.00	33	33	24	1716.01780	1716.01758	0.00023	1.00
43	44	21	1700.97277	1700.97256	0.00021	1.00	34	34	24	1715.96380	1715.96345	0.00034	1.00
44	45	21	1700.57659	1700.57605	0.00054	1.00	35	35	24	1715.90980	1715.90775	0.00205	0.00
45	46	21	1700.17784	1700.17801	-0.00017	1.00	36	36	24	1715.84800	1715.85045	-0.00245	0.00
46	47	21	1699.77859	1699.77844	0.00015	1.00	37	37	24	1715.78900	1715.79156	-0.00256	0.00
47	48	21	1699.37695	1699.37732	-0.00037	1.00	24	25	24	1708.24567	1708.24706	-0.00139	0.00
48	49	21	1698.97526	1698.97468	0.00057	1.00	25	26	24	1707.88092	1707.88003	0.00089	1.00
49	50	21	1698.57061	1698.57051	0.00010	1.00	26						

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(I)			(II)	(III)	(IV)	(V)	(I)			(II)	(III)	(IV)	(V)
41	42	24	1701.79551	1701.79569	-0.00018	1.00	37	37	27	1715.83080	1715.83059	0.00020	1.00
42	43	24	1701.40165	1701.40225	-0.00060	1.00	38	38	27	1715.76962	1715.77010	-0.00048	1.00
43	44	24	1701.00734	1701.00727	0.00007	1.00	39	39	27	1715.70865	1715.70802	0.00063	1.00
44	45	24	1700.61065	1700.61075	-0.00010	1.00	40	40	27	1715.64545	1715.64435	0.00109	0.00
45	46	24	1700.21305	1700.21269	0.00036	1.00	27	28	27	1707.18340	1707.18081	0.00259	0.00
46	47	24	1699.81321	1699.81310	0.00011	1.00	28	29	27	1706.80922	1706.80909	0.00013	1.00
47	48	24	1699.41249	1699.41197	0.00052	1.00	29	30	27	1706.43699	1706.43581	0.00118	0.00
48	49	24	1699.00966	1699.00931	0.00035	1.00	30	31	27	1706.06094	1706.06097	-0.00003	1.00
49	50	24	1698.60564	1698.60511	0.00052	1.00	31	32	27	1705.68452	1705.68457	-0.00005	1.00
50	51	24	1698.19945	1698.19939	0.00006	1.00	32	33	27	1705.30635	1705.30661	-0.00026	1.00
51	52	24	1697.79190	1697.79214	-0.00024	1.00	33	34	27	1704.92703	1704.92709	-0.00007	1.00
52	53	24	1697.38352	1697.38336	0.00015	1.00	34	35	27	1704.54587	1704.54603	-0.00015	1.00
53	54	24	1696.97360	1696.97306	0.00054	1.00	35	36	27	1704.16360	1704.16340	0.00020	1.00
54	55	24	1696.56116	1696.56124	-0.00008	1.00	36	37	27	1703.77928	1703.77923	0.00004	1.00
55	56	24	1696.14795	1696.14790	0.00005	1.00	37	38	27	1703.39368	1703.39351	0.00017	1.00
56	57	24	1695.73342	1695.73304	0.00039	1.00	38	39	27	1703.00550	1703.00623	-0.00074	1.00
57	58	24	1695.31637	1695.31666	-0.00028	1.00	39	40	27	1702.61734	1702.61741	-0.00008	1.00
58	59	24	1694.89861	1694.89876	-0.00015	1.00	40	41	27	1702.22612	1702.22705	-0.00093	1.00
59	60	24	1694.47961	1694.47936	0.00026	1.00	41	42	27	1701.83481	1701.83514	-0.00033	1.00
60	61	24	1694.05816	1694.05844	-0.00028	1.00	42	43	27	1701.44172	1701.44168	0.00004	1.00
61	62	24	1693.63645	1693.63601	0.00044	1.00	43	44	27	1701.04676	1701.04668	0.00007	1.00
62	63	24	1693.21191	1693.21208	-0.00017	1.00	44	45	27	1700.65012	1700.65015	-0.00002	1.00
63	64	24	1692.78742	1692.78664	0.00077	1.00	45	46	27	1700.25198	1700.25207	-0.00009	1.00
64	65	24	1692.36052	1692.35971	0.00081	1.00	46	47	27	1699.85283	1699.85246	0.00037	1.00
65	66	24	1691.93221	1691.93127	0.00094	1.00	47	48	27	1699.45144	1699.45131	0.00013	1.00
66	67	24	1691.50300	1691.50133	0.00167	0.00	48	49	27	1699.04963	1699.04863	0.00100	0.00
67	68	24	1691.06905	1691.06990	-0.00085	0.00	49	50	27	1698.64463	1698.64441	0.00022	1.00
68	69	24	1690.63770	1690.63697	0.00073	1.00	50	51	27	1698.23897	1698.23866	0.00030	1.00
69	70	24	1690.20600	1690.20255	0.00345	0.00	51	52	27	1697.83150	1697.83139	0.00011	1.00
28	27	27	1725.46922	1725.47086	-0.00164	0.00	52	53	27	1697.42247	1697.42259	-0.00011	1.00
29	28	27	1725.75225	1725.75179	0.00046	1.00	53	54	27	1697.01170	1697.01226	-0.00055	1.00
30	29	27	1726.03249	1726.03110	0.00139	0.00	54	55	27	1696.60064	1696.60040	0.00024	1.00
31	30	27	1726.30752	1726.30880	-0.00127	0.00	55	56	27	1696.18677	1696.18703	-0.00026	1.00
32	31	27	1726.58470	1726.58486	-0.00017	1.00	56	57	27	1695.77136	1695.77213	-0.00078	1.00
33	32	27	1726.85912	1726.85931	-0.00020	1.00	57	58	27	1695.35506	1695.35572	-0.00066	1.00
34	33	27	1727.13097	1727.13214	-0.00117	0.00	58	59	27	1694.94000	1694.93779	0.00221	0.00
35	34	27	1727.40388	1727.40334	0.00054	1.00	59	60	27	1694.51868	1694.51835	0.00033	1.00
36	35	27	1727.67229	1727.67291	-0.00062	1.00	60	61	27	1694.09830	1694.09739	0.00091	1.00
37	36	27	1727.94104	1727.94086	0.00017	1.00	61	62	27	1693.67680	1693.67492	0.00188	0.00
38	37	27	1728.20743	1728.20719	0.00024	1.00	62	63	27	1693.25179	1693.25094	0.00085	1.00
39	38	27	1728.47140	1728.47189	-0.00048	1.00	63	64	27	1692.82445	1692.82546	-0.00101	0.00
40	39	27	1728.73399	1728.73496	-0.00097	0.00	64	65	27	1692.39826	1692.39847	-0.00021	1.00
41	40	27	1728.99639	1728.99640	-0.00001	1.00	65	66	27	1691.97059	1691.96998	0.00061	1.00
42	41	27	1729.25563	1729.25621	-0.00058	1.00	66	67	27	1691.54053	1691.53999	0.00055	1.00
43	42	27	1729.51465	1729.51440	0.00025	1.00	67	68	27	1691.10944	1691.10850	0.00095	1.00
44	43	27	1729.77050	1729.77095	-0.00045	1.00	68	69	27	1690.67468	1690.67551	-0.00083	0.00
45	44	27	1730.02567	1730.02588	-0.00021	1.00	69	70	27	1690.23912	1690.24103	-0.00192	0.00
46	45	27	1730.27995	1730.27918	0.00078	1.00	31	30	30	1726.35350	1726.35219	0.00130	0.00
47	46	27	1730.53001	1730.53084	-0.00083	1.00	32	31	30	1726.62582	1726.62823	-0.00241	0.00
48	47	27	1730.78190	1730.78087	0.00103	0.00	33	32	30	1726.90298	1726.90265	0.00033	1.00
49	48	27	1731.02936	1731.02927	0.00009	1.00	34	33	30	1727.17516	1727.17544	-0.00028	1.00
50	49	27	1731.27587	1731.27604	-0.00016	1.00	35	34	30	1727.44756	1727.44661	0.00095	1.00
51	50	27	1731.52137	1731.52117	0.00020	1.00	36	35	30	1727.71567	1727.71615	-0.00048	1.00
52	51	27	1731.76505	1731.76467	0.00038	1.00	37	36	30	1727.98355	1727.98407	-0.00052	1.00
53	52	27	1732.00659	1732.00654	0.00005	1.00	38	37	30	1728.25057	1728.25036	0.00021	1.00
54	53	27	1732.24725	1732.24677	0.00048	1.00	39	38	30	1728.51483	1728.51502	-0.00019	1.00
55	54	27	1732.48546	1732.48537	0.00009	1.00	40	39	30	1728.77881	1728.77805	0.00076	1.00
56	55	27	1732.72334	1732.72234	0.00100	1.00	41	40	30	1729.04010	1729.03946	0.00064	1.00
57	56	27	1732.95797	1732.95766	0.00031	1.00	42	41	30	1729.30008	1729.29923	0.00085	1.00
58	57	27	1733.19094	1733.19136	-0.00042	1.00	43	42	30	1729.55703	1729.55737	-0.00035	1.00
59	58	27	1733.42800	1733.42342	0.00458	0.00	44	43	30	1729.81343	1729.81389	-0.00046	1.00
60	59	27	1733.65499	1733.65384	0.00115	0.00	45	44	30	1730.06900	1730.06877	0.00023	1.00
61	60	27	1733.88057	1733.88263	-0.00205	0.00	46	45	30	1730.32271	1730.32202	0.00069	1.00
62	61	27	1734.11028	1734.10978	0.00050	1.00	47	46	30	1730.57434	1730.57364	0.00070	1.00
63	62	27	1734.33473	1734.33530	-0.00057	1.00	48	47	30	1730.82384	1730.82362	0.00022	1.00
64	63</												

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(I)			(II)	(III)	(IV)	(V)	(I)			(II)	(III)	(IV)	(V)
30	30	30	1716.25412	1716.25340	0.00072	1.00	57	56	33	1733.04743	1733.04678	0.00066	1.00
31	31	30	1716.20301	1716.20402	-0.00100	0.00	58	57	33	1733.28012	1733.28034	-0.00023	1.00
32	32	30	1716.15100	1716.15304	-0.00204	0.00	59	58	33	1733.51179	1733.51227	-0.00048	1.00
33	33	30	1716.10091	1716.10047	0.00044	1.00	60	59	33	1733.74314	1733.74255	0.00059	1.00
34	34	30	1716.04626	1716.04631	-0.00005	1.00	61	60	33	1733.96900	1733.97120	-0.00220	0.00
35	35	30	1715.99072	1715.99056	0.00016	1.00	62	61	33	1734.20021	1734.19821	0.00201	0.00
36	36	30	1715.93406	1715.93322	0.00084	1.00	33	33	33	1716.15100	1716.14895	0.00205	0.00
37	37	30	1715.87404	1715.87430	-0.00026	1.00	34	34	33	1716.09473	1716.09477	-0.00004	1.00
38	38	30	1715.81464	1715.81378	0.00086	1.00	35	35	33	1716.03500	1716.03900	-0.00400	0.00
39	39	30	1715.75144	1715.75168	-0.00023	1.00	36	36	33	1715.98207	1715.98164	0.00043	1.00
40	40	30	1715.68773	1715.68798	-0.00025	1.00	37	37	33	1715.92294	1715.92269	0.00025	1.00
41	41	30	1715.62233	1715.62270	-0.00037	1.00	38	38	33	1715.86175	1715.86215	-0.00040	1.00
42	42	30	1715.55900	1715.55583	0.00317	0.00	39	39	33	1715.79942	1715.80002	-0.00060	1.00
43	43	30	1715.48640	1715.48738	-0.00098	1.00	40	40	33	1715.73643	1715.73630	0.00013	1.00
44	44	30	1715.41752	1715.41733	0.00018	1.00	41	41	33	1715.66959	1715.67100	-0.00141	0.00
45	45	30	1715.34700	1715.34571	0.00129	0.00	42	42	33	1715.60459	1715.60410	0.00049	1.00
46	46	30	1715.27100	1715.27249	-0.00149	0.00	43	43	33	1715.53625	1715.53561	0.00063	1.00
30	31	30	1706.10335	1706.10522	-0.00187	0.00	44	44	33	1715.46540	1715.46554	-0.00014	1.00
31	32	30	1705.72901	1705.72882	0.00019	1.00	45	45	33	1715.39347	1715.39388	-0.00042	1.00
32	33	30	1705.34989	1705.35086	-0.00097	0.00	46	46	33	1715.31991	1715.32064	-0.00073	1.00
33	34	30	1704.97075	1704.97134	-0.00058	1.00	47	47	33	1715.24663	1715.24580	0.00083	0.00
34	35	30	1704.58918	1704.59026	-0.00109	0.00	48	48	33	1715.16946	1715.16938	0.00008	1.00
35	36	30	1704.20613	1704.20763	-0.00151	0.00	49	49	33	1715.09239	1715.09138	0.00102	0.00
36	37	30	1703.82348	1703.82345	0.00003	1.00	34	35	33	1704.63847	1704.63924	-0.00078	1.00
37	38	30	1703.43792	1703.43772	0.00020	1.00	35	36	33	1704.25635	1704.25661	-0.00026	1.00
38	39	30	1703.04975	1703.05044	-0.00069	1.00	36	37	33	1703.87225	1703.87242	-0.00017	1.00
39	40	30	1702.66217	1702.66161	0.00057	1.00	37	38	33	1703.48695	1703.48668	0.00027	1.00
40	41	30	1702.27148	1702.27123	0.00025	1.00	38	39	33	1703.09975	1703.09939	0.00036	1.00
41	42	30	1701.87869	1701.87930	-0.00062	1.00	39	40	33	1702.71017	1702.71055	-0.00038	1.00
42	43	30	1701.48555	1701.48584	-0.00029	1.00	40	41	33	1702.31929	1702.32016	-0.00087	1.00
43	44	30	1701.09044	1701.09082	-0.00039	1.00	41	42	33	1701.92873	1701.92822	0.00051	1.00
44	45	30	1700.69423	1700.69427	-0.00004	1.00	42	43	33	1701.53589	1701.53474	0.00115	0.00
45	46	30	1700.29599	1700.29618	-0.00019	1.00	43	44	33	1701.13978	1701.13971	0.00007	1.00
46	47	30	1699.89608	1699.89655	-0.00046	1.00	44	45	33	1700.74337	1700.74315	0.00023	1.00
47	48	30	1699.49512	1699.49538	-0.00025	1.00	45	46	33	1700.34557	1700.34504	0.00053	1.00
48	49	30	1699.09222	1699.09267	-0.00045	1.00	46	47	33	1699.94000	1699.94538	-0.00538	0.00
49	50	30	1698.68959	1698.68843	0.00116	0.00	47	48	33	1699.54393	1699.54420	-0.00026	1.00
50	51	30	1698.28159	1698.28266	-0.00107	1.00	48	49	33	1699.14152	1699.14147	0.00005	1.00
51	52	30	1697.87487	1697.87536	-0.00049	1.00	49	50	33	1698.73696	1698.73721	-0.00025	1.00
52	53	30	1697.46577	1697.46653	-0.00076	1.00	50	51	33	1698.33124	1698.33141	-0.00017	1.00
53	54	30	1697.05609	1697.05617	-0.00009	1.00	51	52	33	1697.92348	1697.92409	-0.00061	1.00
54	55	30	1696.64492	1696.64429	0.00063	1.00	52	53	33	1697.51446	1697.51523	-0.00077	1.00
55	56	30	1696.23053	1696.23088	-0.00035	1.00	53	54	33	1697.10521	1697.10484	0.00037	1.00
56	57	30	1695.81505	1695.81595	-0.00090	1.00	54	55	33	1696.69314	1696.69292	0.00021	1.00
57	58	30	1695.39793	1695.39950	-0.00157	0.00	55	56	33	1696.27967	1696.27948	0.00019	1.00
58	59	30	1694.98223	1694.98153	0.00070	1.00	56	57	33	1695.86590	1695.86452	0.00139	0.00
59	60	30	1694.56362	1694.56205	0.00157	0.00	57	58	33	1695.44000	1695.44803	-0.00803	0.00
60	61	30	1694.14115	1694.14105	0.00010	1.00	58	59	33	1695.03040	1695.03002	0.00037	1.00
61	62	30	1693.72031	1693.71853	0.00177	0.00	59	60	33	1694.61025	1694.61050	-0.00025	1.00
62	63	30	1693.29401	1693.29451	-0.00050	1.00	60	61	33	1694.18968	1694.18945	0.00023	1.00
63	64	30	1692.86500	1692.86897	-0.00397	0.00	61	62	33	1693.76715	1693.76689	0.00026	1.00
64	65	30	1692.44188	1692.44193	-0.00005	1.00	39	38	36	1728.61622	1728.61520	0.00102	0.00
65	66	30	1692.01203	1692.01339	-0.00136	0.00	40	39	36	1728.87764	1728.87815	-0.00051	1.00
66	67	30	1691.58346	1691.58334	0.00012	1.00	41	40	36	1729.13802	1729.13947	-0.00145	0.00
67	68	30	1691.14900	1691.15179	-0.00279	0.00	42	41	36	1729.40033	1729.39916	0.00117	0.00
68	69	30	1690.71911	1690.71874	0.00036	1.00	43	42	36	1729.65736	1729.65722	0.00015	1.00
69	70	30	1690.28625	1690.28420	0.00205	0.00	44	43	36	1729.91269	1729.91364	-0.00095	1.00
34	33	33	1727.22100	1727.22339	-0.00239	0.00	45	44	36	1730.16972	1730.16843	0.00129	0.00
35	34	33	1727.49100	1727.49452	-0.00352	0.00	46	45	36	1730.42093	1730.42158	-0.00066	1.00
36	35	33	1727.76700	1727.76403	0.00297	0.00	47	46	36	1730.67210	1730.67310	-0.00101	0.00
37	36	33	1728.03344	1728.03191	0.00153	0.00	48	47	36	1730.92106	1730.92299	-0.00193	0.00
38	37	33	1728.29840	1728.29816	0.00024	1.00	49	48	36	1731.17400	1731.17123	0.00277	0.00
39	38	33	1728.56208	1728.56278	-0.00071	1.00	50	49	36	1731.42000	1731.41784	0.00216	0.00
40	39	33	1728.82300	1728.82578	-0.00278	0.00	51	50	36	1731.66374	1731.66282	0.00092	0.00
41	40	33	1729.08300	1729.08714	-0.00414	0.00	52	51	36	1731.90647	1731.90615	0.00032	

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(I)		(II)	(III)	(IV)	(V)	(I)		(II)	(III)	(IV)	(V)
49	49 36	1715.14000	1715.14412	-0.00412	0.00	43	43 42	1715.70864	1715.70867	-0.00003	1.00
50	50 36	1715.06453	1715.06449	0.00005	1.00	44	44 42	1715.63500	1715.63850	-0.00350	0.00
51	51 36	1714.98600	1714.98327	0.00273	0.00	45	45 42	1715.56703	1715.56675	0.00028	1.00
36	37 36	1703.92695	1703.92616	0.00080	1.00	46	46 42	1715.49346	1715.49340	0.00006	1.00
37	38 36	1703.53944	1703.54041	-0.00097	0.00	47	47 42	1715.41752	1715.41847	-0.00095	1.00
38	39 36	1703.15277	1703.15311	-0.00034	1.00	48	48 42	1715.34243	1715.34194	0.00049	1.00
39	40 36	1702.76900	1702.76426	0.00474	0.00	49	49 42	1715.26350	1715.26382	-0.00032	1.00
40	41 36	1702.37208	1702.37386	-0.00178	0.00	50	50 42	1715.18380	1715.18411	-0.00031	1.00
41	42 36	1701.98217	1701.98191	0.00026	1.00	51	51 42	1715.10207	1715.10281	-0.00074	1.00
42	43 36	1701.58716	1701.58842	-0.00126	0.00	52	52 42	1715.01974	1715.01993	-0.00019	1.00
43	44 36	1701.19336	1701.19338	-0.00002	1.00	53	53 42	1714.93590	1714.93545	0.00044	1.00
44	45 36	1700.79745	1700.79680	0.00065	1.00	54	54 42	1714.84837	1714.84939	-0.00102	1.00
45	46 36	1700.39838	1700.39867	-0.00029	1.00	55	55 42	1714.76200	1714.76174	0.00027	1.00
46	47 36	1699.99900	1699.99900	0.00000	1.00	56	56 42	1714.67252	1714.67250	0.00002	1.00
47	48 36	1699.59683	1699.59779	-0.00096	1.00	49	50 42	1698.91187	1698.91231	-0.00044	1.00
48	49 36	1699.19315	1699.19505	-0.00189	0.00	50	51 42	1698.50583	1698.50645	-0.00061	1.00
49	50 36	1698.79241	1698.79076	0.00165	0.00	51	52 42	1698.09963	1698.09905	0.00058	1.00
50	51 36	1698.38454	1698.38494	-0.00040	1.00	52	53 42	1697.68949	1697.69011	-0.00062	1.00
51	52 36	1697.97742	1697.97759	-0.00016	1.00	53	54 42	1697.28026	1697.27964	0.00062	1.00
52	53 36	1697.56901	1697.56870	0.00031	1.00	54	55 42	1696.86400	1696.86764	-0.00364	0.00
53	54 36	1697.15973	1697.15829	0.00145	0.00	55	56 42	1696.45100	1696.45410	-0.00310	0.00
54	55 36	1696.74771	1696.74634	0.00137	0.00	56	57 42	1696.03907	1696.03904	0.00003	1.00
55	56 36	1696.33257	1696.33287	-0.00030	1.00	57	58 42	1695.62229	1695.62244	-0.00016	1.00
56	57 36	1695.91000	1695.91787	-0.000787	0.00	58	59 42	1695.20600	1695.20432	0.00168	0.00
57	58 36	1695.50103	1695.50134	-0.00032	1.00	59	60 42	1694.78518	1694.78468	0.00050	1.00
58	59 36	1695.08251	1695.08330	-0.00079	1.00	60	61 42	1694.36374	1694.36350	0.00024	1.00
59	60 36	1694.65700	1694.66373	-0.00673	0.00	61	62 42	1693.94058	1693.94081	-0.00023	1.00
60	61 36	1694.24257	1694.24264	-0.00007	1.00	45	45 45	1715.63471	1715.63389	0.00083	1.00
61	62 36	1693.82001	1693.82004	-0.00003	1.00	46	46 45	1715.55953	1715.56051	-0.00099	0.00
43	42 39	1729.71447	1729.71413	0.00035	1.00	47	47 45	1715.48640	1715.48554	0.00086	1.00
44	43 39	1729.97077	1729.97050	0.00026	1.00	48	48 45	1715.40897	1715.40898	-0.00001	1.00
45	44 39	1730.22493	1730.22524	-0.00032	1.00	49	49 45	1715.33105	1715.33083	0.00023	1.00
46	45 39	1730.48027	1730.47835	0.00192	0.00	50	50 45	1715.25106	1715.25108	-0.00002	1.00
47	46 39	1730.72971	1730.72982	-0.00011	1.00	51	51 45	1715.16946	1715.16974	-0.00029	1.00
48	47 39	1730.97864	1730.97965	-0.00100	1.00	52	52 45	1715.08695	1715.08682	0.00013	1.00
49	48 39	1731.22725	1731.22784	-0.00059	1.00	53	53 45	1715.00148	1715.00230	-0.00082	1.00
50	49 39	1731.47324	1731.47439	-0.00115	1.00	54	54 45	1714.91639	1714.91619	0.00020	1.00
51	50 39	1731.71713	1731.71931	-0.00218	0.00	55	55 45	1714.82823	1714.82849	-0.00026	1.00
52	51 39	1731.96341	1731.96258	0.00082	0.00	56	56 45	1714.73830	1714.73920	-0.00090	1.00
53	52 39	1732.20337	1732.20422	-0.00085	1.00	57	57 45	1714.64917	1714.64832	0.00085	0.00
54	53 39	1732.44265	1732.44421	-0.00156	0.00	58	58 45	1714.55475	1714.55586	-0.00110	1.00
39	39 39	1715.90982	1715.91086	-0.00104	0.00	59	59 45	1714.46215	1714.46180	0.00035	1.00
40	40 39	1715.84878	1715.84710	0.00168	0.00	60	60 45	1714.36200	1714.36616	-0.00416	0.00
41	41 39	1715.78229	1715.78173	0.00055	1.00	61	61 45	1714.26750	1714.26893	-0.00143	0.00
42	42 39	1715.71481	1715.71478	0.00003	1.00	49	50 45	1698.98157	1698.98035	0.00122	0.00
43	43 39	1715.64545	1715.64624	-0.00079	1.00	50	51 45	1698.57100	1698.57447	-0.00347	0.00
44	44 39	1715.57733	1715.57611	0.00123	0.00	51	52 45	1698.16500	1698.16705	-0.00205	0.00
45	45 39	1715.50441	1715.50438	0.00003	1.00	52	53 45	1697.75794	1697.75809	-0.00016	1.00
46	46 39	1715.43072	1715.43107	-0.00035	1.00	53	54 45	1697.34785	1697.34760	0.00025	1.00
47	47 39	1715.35554	1715.35616	-0.00063	1.00	54	55 45	1696.93800	1696.93557	0.00243	0.00
48	48 39	1715.27948	1715.27967	-0.00019	1.00	55	56 45	1696.51700	1696.52201	-0.00501	0.00
49	49 39	1715.19991	1715.20159	-0.00168	0.00	56	57 45	1696.10669	1696.10692	-0.00022	1.00
50	50 39	1715.12169	1715.12192	-0.00024	1.00	57	58 45	1695.68600	1695.69029	-0.00429	0.00
51	51 39	1715.04043	1715.04067	-0.00024	1.00	58	59 45	1695.27190	1695.27213	-0.00023	1.00
52	52 39	1714.95858	1714.95782	0.00076	0.00	59	60 45	1694.85359	1694.85245	0.00114	0.00
53	53 39	1714.87600	1714.87339	0.00261	0.00	60	61 45	1694.43500	1694.43124	0.00376	0.00
54	54 39	1714.78647	1714.78737	-0.00090	1.00	61	62 45	1694.00904	1694.00851	0.00054	1.00
55	55 39	1714.70100	1714.69977	0.00123	0.00	48	48 48	1715.48143	1715.48081	0.00062	1.00
56	56 39	1714.60959	1714.61058	-0.00099	1.00	49	49 48	1715.40329	1715.40263	0.00066	1.00
42	43 39	1701.64010	1701.64689	-0.00680	0.00	50	50 48	1715.32000	1715.32284	-0.00284	0.00
43	44 39	1701.25500	1701.25184	0.00316	0.00	51	51 48	1715.24180	1715.24147	0.00033	1.00
44	45 39	1700.86100	1700.85524	0.00576	0.00	52	52 48	1715.15500	1715.15850	-0.00350	0.00
45	46 39	1700.45631	1700.45710	-0.00079	1.00	53	53 48	1715.07411	1715.07394	0.00017	1.00
46	47 39	1700.05576	1700.05742	-0.00166	0.00	54	54 48	1714.98647	1714.98779	-0.00133	0.00
47	48 39	1699.65632	1699.65619	0.00013	1.00	55	55 48	1714.89979	1714.90005	-0.00026	1.00
48	49 39	1699.25322	1699.25343	-0.00021	1.00	56	56 48	1714.81012	1714.81071	-0.00059	1.00
49	50 39	1698.84784	1698.84912	-0.00129	0.00	57	57 48	1714.71700	1714.71979	-0.00279	0.00
50	51 39	1698.44193	1698.44328	-0.00134	0.00	58	58 48	1714.62825	1714.62727	0.00098	0.00
51	52 39	1698.03497	1698.03590	-0.00093	1.00	59	59 48	1714.53325	1714.53316	0.00009	1.00
52	53 39	1697.62671	1697.62699	-0.00028	1.00	60	60 48	1714.43784	1714.43747	0.00038	1.00
53	54 39	1697.21638	1697.21655	-0.00017	1.00	61	61 48	1714.33991	1714.34018	-0.00026	1.00
54	55 39	1696.80487	1696.80457	0.00030	1.00	59	60 48	1694.91360	1694.92513	-0.01154	0.00
55	56 39	1696.39102	1696.39107	-0.00005	1.00	60	61 48	1694.50000	1694.50389	-0.00389	0.00
56	57 39	1695.97617	1695.97603	0.00014	1.00	61	62 48	1694.08072	1694.08112	-0.00039	1.00
57	58 39	1695.55951	1695.55947	0.00004	1.00	51	51 51	1715.31991	1715.31801	0.00189	0.00
58	59 39	1695.14093	1695.14139	-0.00046	1.00	52	52 51	1715.23575	1715.23501	0.00074	1.00
59	60 39	1694.72105	1694.72178	-0.00073	1.00	53	53 51	1715.15500	1715.15041	0.00459	0.00
60	61 39	1694.29982	1694.30065	-0.00083	1.00	54	54 51	1715.06453	1715.06422	0.00031	1.00
61	62 39	1693.87608	1693.87800	-0.00192	0.00	55	55 51	1714.97619	1714.97644	-0.00025	1.00
42	42 42	1715.77784	1715.77724	0.00060	1.00	56	56 51	1714.88500	1714.88706	-0.00206	0.00

Continued

(I)		(II)	(III)	(IV)	(V)	(I)		(II)	(III)	(IV)	(V)
57	57 51	1714.79659	1714.79609	0.00051	1.00	57	57 54	1714.87640	1714.87723	-0.00083	0.00
58	58 51	1714.70100	1714.70352	-0.00252	0.00	58	58 54	1714.78647	1714.78462	0.00185	0.00
59	59 51	1714.60959	1714.60936	0.00023	1.00	59	59 54	1714.69075	1714.69042	0.00034	1.00
60	60 51	1714.51361	1714.51361	0.00000	1.00	60	60 54	1714.59526	1714.59462	0.00065	1.00
61	61 51	1714.41653	1714.41627	0.00026	1.00	57	57 57	1714.96000	1714.96323	-0.00323	0.00
62	62 51	1714.31790	1714.31734	0.00056	1.00	58	58 57	1714.87600	1714.87058	0.00542	0.00
63	63 51	1714.21656	1714.21681	-0.00025	1.00	59	59 57	1714.77500	1714.77634	-0.00134	0.00
64	64 51	1714.11477	1714.11469	0.00008	1.00	60	60 57	1714.68400	1714.68049	0.00351	0.00
60	61 51	1694.57931	1694.58147	-0.00216	0.00	61	61 57	1714.58131	1714.58305	-0.00175	0.00
54	54 54	1715.15000	1715.14549	0.00451	0.00	62	62 57	1714.48900	1714.48402	0.00498	0.00
55	55 54	1715.05881	1715.05766	0.00115	1.00	60	60 60	1714.77057	1714.77125	-0.00068	0.00
56	56 54	1714.96706	1714.96824	-0.00119	0.00						