	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
A0	27.2634	54.5391	81.8635	109.273	136.805	164.493	192.376	220.487	248.861	277.533	306.537	335.905	365.67	395.864	426.516	457.657
A♯0	28.8972	57.8069	86.7667	115.814	144.986	174.319	203.85	233.616	263.653	293.994	324.676	355.731	387.194	419.096	451.47	484.346
B0	30.6292	61.2713	91.9648	122.748	153.659	184.737	216.018	247.54	279.34	311.453	343.917	376.765	410.032	443.751	477.956	512.677
C1	32.4652	64.9427	97.4694	130.082	162.817	195.712	228.802	262.122	295.71	329.598	363.822	398.416	433.413	468.844	504.743	541.14
C♯1	34.4112	68.8355	103.312	137.88	172.579	207.448	242.524	277.846	313.453	349.38	385.664	422.342	459.449	497.019	535.087	573.685
D1	36.4736	72.9592	109.492	146.109	182.844	219.733	256.811	294.112	331.672	369.525	407.703	446.24	485.168	524.52	564.327	604.619
D♯1	38.6593	77.3311	116.053	154.861	193.794	232.888	272.18	311.705	351.501	391.603	432.046	472.865	514.093	555.764	597.912	640.568
E1	40.9755	81.9635	123.001	164.126	205.374	246.783	288.39	330.231	372.341	414.757	457.514	500.647	544.189	588.174	632.636	677.607
F1	43.4298	86.8731	130.37	173.961	217.685	261.584	305.695	350.06	394.716	439.701	485.055	530.814	577.015	623.696	670.89	718.634
F♯1	46.0304	92.0748	138.176	184.375	230.714	277.236	323.982	370.992	418.308	465.971	514.019	562.493	611.43	660.87	710.85	761.406
G1	48.7857	97.5825	146.424	195.344	244.375	293.552	342.906	392.472	442.281	492.366	542.759	593.493	644.598	696.106	748.047	800.451
G♯1	51.7049	103.421	155.181	207.017	258.963	311.051	363.314	415.783	468.492	521.472	574.754	628.371	682.352	736.729	791.532	846.79
A1	54.7977	109.607	164.462	219.398	274.45	329.65	385.035	440.637	496.491	552.63	609.088	665.897	723.089	780.699	838.756	897.292
A♯1	58.0742	116.16	174.294	232.51	290.845	349.333	408.011	466.912	526.071	585.524	645.304	705.446	765.982	826.946	888.371	950.289
B1	61.5454	123.107	184.731	246.467	308.361	370.46	432.812	495.463	558.459	621.846	685.67	749.975	814.805	880.204	946.216	1012.88
C2	65.2226	130.459	195.754	261.149	326.687	392.411	458.365	524.589	591.127	658.019	725.307	793.033	861.237	929.958	999.236	1069.11
C♯2	69.118	138.249	207.434	276.71	346.119	415.7	485.492	555.534	625.865	696.523	767.547	838.976	910.846	983.194	1056.06	1129.47
D2	73.2446	146.504	219.823	293.245	366.814	440.576	514.572	588.848	663.447	738.411	813.784	889.607	965.923	1042.77	1120.2	1198.24
D♯2	77.6161	155.246	232.93	310.71	388.627	466.721	545.033	623.604	702.473	781.681	861.267	941.271	1021.73	1102.69	1184.18	1266.24
E2	82.2469	164.509	246.829	329.253	411.825	494.588	577.587	660.865	744.465	828.431	912.806	997.632	1082.95	1168.81	1255.24	1342.28
F2	87.1524	174.32	261.547	348.88	436.363	524.041	611.959	700.162	788.692	877.596	966.915	1056.69	1146.98	1237.8	1329.22	1421.26
F♯2	92.3489	184.714	277.142	369.682	462.38	555.284	648.442	741.9	835.705	929.904	1024.54	1119.67	1215.32	1311.55	1408.4	1505.92
G2	97.8537	195.725	293.664	391.724	489.956	588.412	687.141	786.196	885.626	985.483	1085.82	1186.67	1288.11	1390.16	1492.89	1596.34
G♯2	103.685	207.389	311.168	415.077	519.174	623.513	728.151	833.143	938.543	1044.41	1150.79	1257.74	1365.32	1473.57	1582.56	1692.33
A2	109.863	219.743	329.697	439.777	550.038	660.535	771.321	882.45	993.976	1105.95	1218.43	1331.46	1445.1	1559.4	1674.4	1790.17
A♯2	116.407	232.833	349.34	465.987	582.834	699.94	817.366	935.17	1053.41	1172.15	1291.44	1411.34	1531.92	1653.22	1775.3	1898.21
B2	123.339	246.699	370.142	493.73	617.525	741.589	865.984	990.771	1116.01	1241.76	1368.09	1495.05	1622.71	1751.11	1880.33	2010.41
C3	130.683	261.387	392.173	523.103	654.238	785.64	917.369	1049.49	1182.05	1315.13	1448.78	1583.05	1718.01	1853.72	1990.23	2127.6
C♯3	138.464	276.948	415.516	554.229	693.15	832.341	971.864	1111.78	1252.15	1393.04	1534.5	1676.6	1819.4	1962.96	2107.32	2252.57
D3	146.706	293.424	440.189	587.036	734.002	881.122	1028.43	1175.96	1323.75	1471.84	1620.25	1769.03	1918.21	2067.82	2217.89	2368.47
D♯3	155.438	310.889	466.392	621.987	777.712	933.607	1089.71	1246.06	1402.7	1559.66	1716.99	1874.72	2032.89	2191.54	2350.7	2510.42
E3	164.689	329.393	494.156	659.024	824.04	989.249	1154.7	1320.43	1486.48	1652.91	1819.75	1987.05	2154.84	2323.19	2492.12	2661.68
F3	174.49	349.019	523.709	698.679	874.049	1049.94	1226.46	1403.75	1581.9	1761.04	1941.29	2122.75	2305.55	2489.78	2675.57	2863.02
F♯3	184.873	369.79	554.88	740.275	926.104	1112.5	1299.58	1487.49	1676.34	1866.27	2057.39	2249.84	2443.73	2639.19	2836.33	3035.27
G3	195.874	391.797	587.916	784.379	981.332	1178.92	1377.29	1576.58	1776.95	1978.52	2181.44	2385.86	2591.9	2799.7	3009.4	3221.13
G♯3	207.529	415.114	622.921	831.118	1039.87	1249.34	1459.7	1671.11	1883.73	2097.72	2313.24	2530.44	2749.49	2970.53	3193.72	3419.2
A3	219.878	439.821	660.024	880.684	1101.99	1324.15	1547.34	1771.76	1997.59	2225.03	2454.26	2685.46	2918.81	3154.49	3392.68	3633.53
A♯3	232.961	465.998	699.341	933.218	1167.86	1403.48	1640.32	1878.6	2118.53	2360.34	2604.25	2850.45	3099.17	3350.6	3604.96	3862.43
B3	246.823	493.73	740.975	988.809	1237.49	1487.25	1738.36	1991.06	2245.58	2502.18	2761.09	3022.53	3286.75	3553.97	3824.41	4098.29
C4	261.51	523.116	785.111	1047.78	1311.42	1576.31	1842.74	2110.99	2381.34	2654.07	2929.44	3207.72	3489.18	3774.08	4062.65	4355.16
C♯4	277.071	554.251	831.866	1110.24	1389.71	1670.58	1953.17	2237.82	2524.82	2814.48	3107.12	3403.02	3702.48	4005.79	4313.23	4625.06
D4	293.559	587.25	881.469	1176.61	1473.07	1771.24	2071.5	2374.23	2679.82	2988.64	3301.04	3617.39	3938.04	4263.32	4593.57	4929.12
D♯4	311.028	622.203	933.962	1246.74	1560.98	1877.11	2195.55	2516.74	2841.07	3168.98	3500.85	3837.08	4178.06	4524.15	4875.74	5233.16
E4	329.538	659.246	989.631	1321.2	1654.46	1989.91	2328.04	2669.34	3014.29	3363.36	3717.02	4075.71	4439.88	4809.96	5186.36	5569.49
F4	349.15	698.497	1048.63	1400.13	1753.58	2109.56	2468.65	2831.39	3198.35	3570.06	3947.07	4329.87	4718.99	5114.9	5518.08	5928.99
F♯4	369.931	740.074	1111.06	1483.53	1858.1	2235.39	2616.03	3000.62	3389.75	3784.	4183.95	4590.16	5003.16	5423.48	5851.63	6288.1
G4	391.95	784.148	1177.34	1572.27	1969.67	2370.27	2774.8	3183.96	3598.45	4018.95	4446.11	4880.6	5323.02	5773.99	6234.09	6703.89
G♯4	415.28	830.833	1247.48	1666.03	2087.3	2512.09	2941.18	3375.36	3815.39	4262.01	4715.95	5177.91	5648.57	6128.6	6618.63	7119.28
A4	440.	880.33	1321.98	1765.93	2213.16	2664.63	3121.29	3584.07	4053.89	4531.63	5018.15	5514.29	6020.85	6538.61	7068.31	7610.65
A♯4	466.193	932.765	1400.85	1871.57	2346.06	2825.4	3310.7	3803.	4303.36	4812.78	5332.23	5862.66	6404.98	6960.06	7528.74	8111.8
B4	493.947	988.331	1484.46	1983.63	2487.14	2996.26	3512.22	4036.26	4569.56	5113.27	5668.51	6236.35	6817.81	7413.88	8025.5	8653.56
C5	523.355	1047.23	1573.17	2102.73	2637.44	3178.79	3728.25	4287.28	4857.25	5439.52	6035.38	6646.09	7272.82	7916.71	8578.82	9260.18
C♯5	554.516	1109.62	1667.09	2228.68	2796.13	3371.14	3955.4	4550.53	5158.1	5779.64	6416.6	7070.39	7742.33	8433.67	9145.61	9879.28
D5	587.533	1175.75	1766.72	2362.46	2965.01	3576.34	4198.37	4833.	5482.02	6147.18	6830.15	7532.5	8255.75	9001.31	9770.52	10 564.6
D♯5	622.52	1245.81	1872.16	2503.87	3143.19	3792.32	4453.43	5128.59	5819.82	6529.06	7258.14	8008.81	8782.74	9581.47	10 406.5	11 259.1
E5	659.591	1320.05	1983.98	2653.97	3332.55	4022.23	4725.42	5444.47	6181.64	6939.1	7718.88	8522.95	9353.12	10 211.1	11 098.6	12 016.9
F5	698.874	1398.8	2102.94	2814.4	3536.28	4271.56	5023.17	5793.9	6586.44	7403.33	8246.98	9119.67	10 023.5	10 960.5	11 932.4	12 940.9
F♯5	740.499	1482.04	2227.75	2980.73	3744.03	4520.63	5313.43	6125.24	6958.72	7816.46	8700.86	9614.23	10 558.7	11 536.3	12 548.9	13 598.3
G5	784.607	1570.64	2362.35	3163.95	3979.57	4813.22	5668.77	6549.91	7460.16	8402.81	9380.96	10 397.5	11 455.	12 556.	13 702.7	14 897.2
G♯5	831.347	1664.37	2504.08	3355.43	4223.26	5112.27	6026.95	6971.61	7950.27	8966.73	10 024.5	11 126.8	12 276.7	13 476.9	14 729.8	
A5	880.877	1763.72	2654.39	3558.67	4482.23	5430.5	6408.73	7421.83	8474.44	9570.88	10 715.1	11 910.8	13 161.3	14 469.5	15 838.2	
A♯5	933.365	1868.99	2813.6	3773.87	4756.25	5766.99	6812.01	7896.92	9026.95	10 206.9	11 441.3	12 734.	14 088.9	15 509.1		
B5	988.988	1980.65	2983.	4003.9	5051.	6131.64	7252.74	8420.82	9641.89	10 921.5	12 264.6	13 675.8	15 159.2			
C6	1047.94	2098.92	3162.06	4246.29	5360.31	6512.38	7710.33	8961.45	10 272.4	11 649.5	13 098.	14 623.1				
C♯6	1110.41	2224.48	3353.16	4507.18	5696.9	6932.14	8222.12	9575.36	10 999.6	12 501.9	14 088.5	15 764.9				
D6	1176.62	2357.54	3555.6	4783.35	6052.88	7375.59	8762.09	10 222.1	11 764.5	13 397.	15 126.8					
D♯6	1246.8	2498.26	3768.31	5070.57	6418.12	7823.31	9297.59	10 851.5	12 494.4	14 234.8						
E6	1321.18	2648.	3997.32	5385.54	6828.33	8340.4	9935.23	11 625.	13 420.7	15 331.8						
F6	1400.02	2806.85	4240.73	5721.35	7267.39	8896.2	10 623.6	12 463.6	14 428.7							
F♯6	1483.6	2975.01	4497.45	6073.44	7724.25	9469.54	11 327.1	13 312.5	15 439.7							
G6	1572.21	3153.87	4773.06	6456.91	8230.82	10 118.	12 139.2	14 312.5								
G♯6	1666.15	3342.58	5059.8	6847.26	8732.53	10 740.7	12 894.2	15 212.3								
A6	1765.76	3544.82	5376.64	7298.97	9346.67	11 550.9	13 938.7									
A♯6	1871.38	3760.75	5721.3	7803.31	10 052.3	12 507.6	15 202.6									
B6	1983.39	3988.6	6079.99	8317.93	10 756.3	13 440.9										
C7	2102.2	4226.28	6436.91	8794.92	11 354.9	14 163.7										
C♯7	2228.22	4483.87	6847.77	9395.15	12 192.2	15 294.6										
D7	2361.91	4756.94	7282.45	10 028.2	13 071.8											
D♯7	2503.76	5046.2	7740.73	10 691.1	13 985.9											
E7	2654.29	5353.76	8230.6	11 404.7	14 976.8											
F7	2814.06	5683.43	8769.37	12 215.9												
F♯7	2983.65	6046.66	9418.05	13 294.9												
G7	3163.72	6442.39	10 163.3	14 594.												
G♯7	3354.95	6846.71	10 862.5	15 711.8												
A7	3558.07	7267.44	11 555.3													
A♯7	3773.86	7709.59	12 264.													
B7	4003.17	8209.43	13 185.8													
C8	4246.92	8690.75	13 884.5													