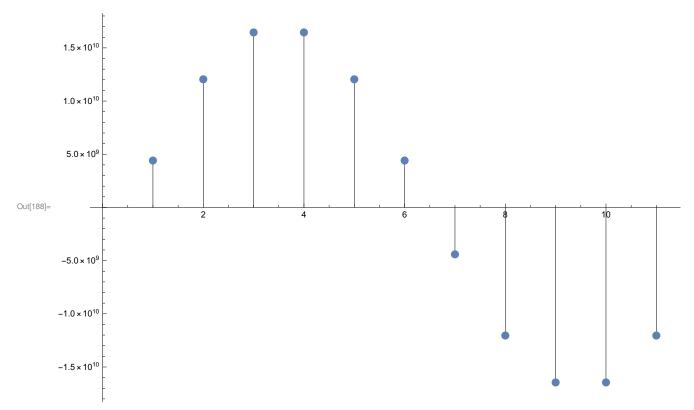
```
In[177]:= ClearAll;
III[pp_] := Integrate[Sin[x], \left\{x, \frac{\left(\frac{pp}{2}-1\right)\pi}{pp}, \frac{\frac{pp}{2}\pi}{pp}\right\}\right] * 1.0;
II11 = II1[6];
II12 = II1[24];
II3[yy2_] := Integrate[Sin[x], \{x, 0, yy2\}];
II4[yy2_, pp1_] := Integrate[Sin[x], \{x, yy2 - \frac{\pi}{pp1}, yy2\}];
II51[yy3_, pp4_] := {
    yy3 * pp4 / \pi,
    Round [II4[yy3, pp4] * (2^16) / II12 * (2^16)]
II52[yy3_, pp4_] := {
    yy3 * pp4 / \pi,
    yy3,
    Round[II3[yy3] \star 1000] / 1000.0,
    Round[II4[yy3, pp4] * 1000] / 1000.0,
    Round [II3[yy3] * (2^16)],
    Round [II4[yy3, pp4] * (2^16)],
    II1[pp4],
    Round [(II4[yy3, pp4]) * 1000] / 1000.0,
    Round[(II4[yy3, pp4])/II1[pp4] * 1000]/1000.0,
    Round[(II4[yy3, pp4])/II1[pp4] * (2^16)]
   };
II61[pp3_] := Table[II51[yy, pp3], \{yy, \frac{1}{pp3}\pi, 2\pi, \frac{1}{pp3}\pi\}];
II62[pp3_] := Table[II52[yy, pp3], {yy, \frac{1}{pp3}\pi, 2\pi, \frac{1}{pp3}\pi}];
II62[6] // MatrixForm
ListPlot[II61[6], Filling -> Axis, FillingStyle → Black]
II62[12] // MatrixForm
ListPlot[II61[12], Filling -> Axis, FillingStyle → Black]
II62[24] // MatrixForm
ListPlot[II61[24], Filling -> Axis, FillingStyle → Black]
```

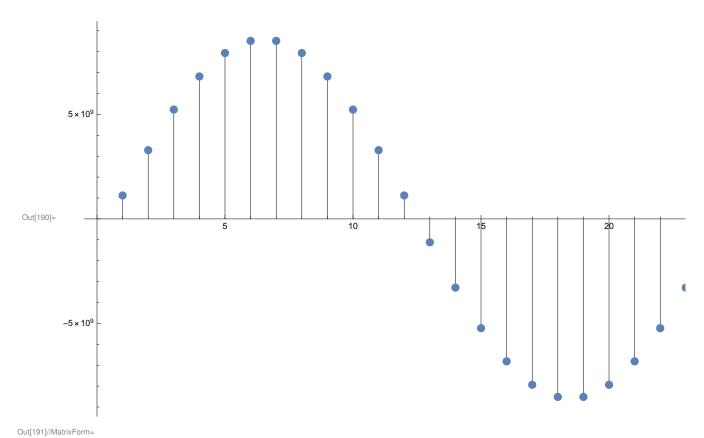
Out[187]//MatrixForm=

1	<u>π</u> 6	0.134	0.134	8780	8780	0.5	0.134	0.268	17 560
2	<u>л</u> 3	0.5	0.366	32 768	23 988	0.5	0.366	0.732	47 976
3	<u>π</u> 2	1.	0.5	65 536	32 768	0.5	0.5	1.	65 536
4	<u>2 π</u> 3	1.5	0.5	98 304	32 768	0.5	0.5	1.	65 536
5	<u>5 π</u> 6	1.866	0.366	122 292	23 988	0.5	0.366	0.732	47 976
6	π	2.	0.134	131072	8780	0.5	0.134	0.268	17 560
7	<u>7 π</u> 6	1.866	-0.134	122 292	-8780	0.5	-0.134	-0.268	- 17 560
8	<u>4 π</u> 3	1.5	-0.366	98 304	- 23 988	0.5	-0.366	-0.732	- 47 976
9	<u>3 π</u> 2	1.	-0.5	65 536	- 32 768	0.5	-0.5	-1.	- 65 536
10	<u>5 π</u> 3	0.5	-0.5	32 768	- 32 768	0.5	-0.5	-1.	- 65 536
11	<u>11 π</u> 6	0.134	-0.366	8780	- 23 988	0.5	-0.366	-0.732	- 47 976
12	2 π	0.	-0.134	0	- 8780	0.5	-0.134	-0.268	- 17 560



Out[189]//MatrixForm=

rı	xrorm=									
1	1	<u>π</u> 12	0.034	0.034	2233	2233	0.258819	0.034	0.132	8628
	2	<u>л</u> 6	0.134	0.1	8780	6547	0.258819	0.1	0.386	25 296
	3	<u>π</u>	0.293	0.159	19 195	10 415	0.258819	0.159	0.614	40 240
	4	<u>π</u> 3	0.5	0.207	32 768	13 573	0.258819	0.207	0.8	52 442
	5	<u>5 π</u> 12	0.741	0.241	48 574	15 806	0.258819	0.241	0.932	61 070
	6	<u>π</u> 2	1.	0.259	65 536	16962	0.258819	0.259	1.	65 536
	7	<u>7 π</u> 12	1.259	0.259	82 498	16962	0.258819	0.259	1.	65 536
	8	<u>2 π</u> 3	1.5	0.241	98 304	15 806	0.258819	0.241	0.932	61070
	9	<u>3 π</u> 4	1.707	0.207	111877	13 573	0.258819	0.207	0.8	52 442
	10	<u>5 π</u> 6	1.866	0.159	122 292	10 415	0.258819	0.159	0.614	40 240
	11	11 π 12	1.966	0.1	128 839	6547	0.258819	0.1	0.386	25 296
	12	π	2.	0.034	131072	2233	0.258819	0.034	0.132	8628
	13	13 π 12	1.966	-0.034	128 839	- 2233	0.258819	-0.034	-0.132	-8628
	14	<u>7 π</u> 6	1.866	-0.1	122 292	- 6547	0.258819	-0.1	-0.386	- 25 296
	15	<u>5 π</u> 4	1.707	-0.159	111877	- 10 415	0.258819	-0.159	-0.614	- 40 240
	16	<u>4 π</u> 3	1.5	-0.207	98 304	- 13 573	0.258819	-0.207	-0.8	- 52 442
	17	<u>17 π</u> 12	1.259	-0.241	82 498	- 15 806	0.258819	-0.241	-0.932	-61070
	18	<u>3 π</u> 2	1.	-0.259	65 536	- 16 962	0.258819	-0.259	-1.	- 65 536
	19	19 π 12	0.741	-0.259	48 574	- 16 962	0.258819	-0.259	-1.	- 65 536
	20	<u>5 π</u> 3	0.5	-0.241	32 768	- 15 806	0.258819	-0.241	-0.932	-61070
	21	<u>7 π</u> 4	0.293	-0.207	19 195	- 13 573	0.258819	-0.207	-0.8	- 52 442
	22	11 π 6	0.134	-0.159	8780	- 10 415	0.258819	-0.159	-0.614	- 40 240
	23	23 π 12	0.034	-0.1	2233	- 6547	0.258819	-0.1	-0.386	- 25 296
	24	2 π	0.	-0.034	0	- 2233	0.258819	-0.034	-0.132	-8628



$ \begin{pmatrix} 1 & \frac{\pi}{24} & 0.009 & 0.009 & 561 & 561 & 0.130526 & 0.009 \\ 2 & \frac{\pi}{12} & 0.034 & 0.026 & 2233 & 1672 & 0.130526 & 0.026 \\ 3 & \frac{\pi}{8} & 0.076 & 0.042 & 4989 & 2756 & 0.130526 & 0.042 \\ 4 & \frac{\pi}{6} & 0.134 & 0.058 & 8780 & 3792 & 0.130526 & 0.058 \\ \hline \end{cases} $	0.066 0.196 0.322 0.443 0.557 0.661 0.753	4295 12813 21111 29048 36488 43304
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	0.322 0.443 0.557 0.661	21 111 29 048 36 488 43 304
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	0.443 0.557 0.661	29 048 36 488 43 304
4 $\frac{\pi}{6}$ 0.134 0.058 8780 3792 0.130526 0.058	0.557 0.661	36 488 43 304
	0.661	43 304
5 $\frac{5\pi}{24}$ 0.207 0.073 13543 4763 0.130526 0.073		
6 $\frac{\pi}{4}$ 0.293 0.086 19195 5652 0.130526 0.086	0.753	40.070
7 $\frac{7\pi}{24}$ 0.391 0.098 25640 6445 0.130526 0.098		49 378
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	0.833	54 608
9 $\frac{3\pi}{8}$ 0.617 0.117 40456 7688 0.130526 0.117	0.899	58 904
10 $\frac{5\pi}{12}$ 0.741 0.124 48574 8118 0.130526 0.124	0.949	62 191
11 $\frac{11\pi}{24}$ 0.869 0.128 56982 8408 0.130526 0.128	0.983	64 415
12 $\frac{\pi}{2}$ 1. 0.131 65536 8554 0.130526 0.131	1.	65 536
13 $\frac{13\pi}{24}$ 1.131 0.131 74090 8554 0.130526 0.131	1.	65 536
14 $\frac{7\pi}{12}$ 1.259 0.128 82498 8408 0.130526 0.128	0.983	64 415
15 $\frac{5\pi}{8}$ 1.383 0.124 90616 8118 0.130526 0.124	0.949	62 191
16 $\frac{2\pi}{3}$ 1.5 0.117 98304 7688 0.130526 0.117	0.899	58 904
17 $\frac{17\pi}{24}$ 1.609 0.109 105432 7128 0.130526 0.109	0.833	54 608
18 $\frac{3\pi}{4}$ 1.707 0.098 111877 6445 0.130526 0.098	0.753	49 378
19 $\frac{19 \pi}{24}$ 1.793 0.086 117529 5652 0.130526 0.086	0.661	43 304
20 $\frac{5\pi}{}$ 1.866 0.073 122292 4763 0.130526 0.073	0.557	36 488

	6								
21	<u>7 π</u> 8	1.924	0.058	126 083	3792	0.130526	0.058	0.443	29 048
22	$\frac{11 \pi}{12}$	1.966	0.042	128 839	2756	0.130526	0.042	0.322	21 111
23	23 π 24	1.991	0.026	130 511	1672	0.130526	0.026	0.196	12 813
24	π	2.	0.009	131072	561	0.130526	0.009	0.066	4295
25	<u>25 π</u> 24	1.991	-0.009	130 511	-561	0.130526	-0.009	-0.066	- 4295
26	13 π 12	1.966	-0.026	128 839	- 1672	0.130526	-0.026	-0.196	- 12 813
27	<u>9 π</u> 8	1.924	-0.042	126 083	- 2756	0.130526	-0.042	-0.322	-21111
28	<u>7 π</u> 6	1.866	-0.058	122 292	- 3792	0.130526	-0.058	-0.443	- 29 048
29	29 π 24	1.793	-0.073	117 529	- 4763	0.130526	-0.073	-0.557	- 36 488
30	<u>5 π</u>	1.707	-0.086	111877	- 5652	0.130526	-0.086	-0.661	- 43 304
31	<u>31 π</u> 24	1.609	-0.098	105 432	- 6445	0.130526	-0.098	-0.753	- 49 378
32	<u>4 π</u> 3	1.5	-0.109	98 304	-7128	0.130526	-0.109	-0.833	- 54 608
33	<u>11 π</u> 8	1.383	-0.117	90 616	-7688	0.130526	-0.117	-0.899	- 58 904
34	<u>17 π</u> 12	1.259	-0.124	82 498	-8118	0.130526	-0.124	-0.949	- 62 191
35	<u>35 π</u> 24	1.131	-0.128	74 090	-8408	0.130526	-0.128	-0.983	- 64 415
36	<u>3 π</u> 2	1.	-0.131	65 536	- 8554	0.130526	-0.131	-1.	- 65 536
37	<u>37 π</u> 24	0.869	-0.131	56 982	- 8554	0.130526	-0.131	-1.	- 65 536
38	<u>19 π</u> 12	0.741	-0.128	48 574	-8408	0.130526	-0.128	-0.983	- 64 415
39	13 π 8	0.617	-0.124	40 456	-8118	0.130526	-0.124	-0.949	- 62 191
40	<u>5 π</u> 3	0.5	-0.117	32 768	-7688	0.130526	-0.117	-0.899	- 58 904
41	<u>41 π</u> 24	0.391	-0.109	25 640	-7128	0.130526	-0.109	-0.833	- 54 608
42	<u>7 π</u>	0.293	-0.098	19 195	- 6445	0.130526	-0.098	-0.753	- 49 378
43	<u>43 π</u> 24	0.207	-0.086	13 543	- 5652	0.130526	-0.086	-0.661	- 43 304
44	<u>11 π</u> 6	0.134	-0.073	8780	- 4763	0.130526	-0.073	-0.557	- 36 488
45	<u>15 π</u> 8	0.076	-0.058	4989	- 3792	0.130526	-0.058	-0.443	- 29 048
46	23 π 12	0.034	-0.042	2233	- 2756	0.130526	-0.042	-0.322	-21111
47	<u>47 π</u> 24	0.009	-0.026	561	- 1672	0.130526	-0.026	-0.196	- 12 813
48	2 π	0.	-0.009	0	-561	0.130526	-0.009	-0.066	- 4295

