

<u>Input</u>	<u>Output</u>	<u>Output Ratios</u>
0	$\frac{1}{2}$	> 2
1	1	> 2
2	2	> 2
3	4	> 2
4	8	> 2
8	128	> 16

<u>Input</u>	<u>Output</u>	<u>Output Ratios</u>
0	$\frac{1}{2}$	> 2
1	1	> 2
2	2	> 2
3	4	> 2
4	8	> 2

<u>Input</u>	<u>Output</u>	<u>Output Ratios</u>
2	0.864	> 1.2
3	1.0368	> 1.439
5	1.492	> 1.44
7	2.149	> 1.44

<u>Input x</u>	<u>Output $k(x)$</u>
\vdots	\vdots
-2	\sim
-1	\sim
0	$>$
1	$>$
2	$>$
3	$>$
4	$>$
5	$>$
\vdots	\vdots

same #