

$$f(x) = \begin{cases} x^2 - 2, & x < 1 \\ -2x + 4, & x \geq 1 \end{cases}$$

x	f(x)
-3	7
-2	2
-1	-1
0	-2
1	-1
1	2
2	0
3	-2
4	-4

Open circle!

Closed circle!

