

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

| 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!

