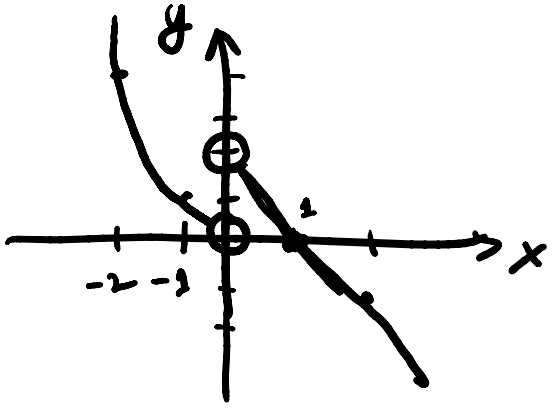
Piecewise Functions

Tuesday, September 1, 2020 5:16 PM

42. $$f(x) = \begin{cases} x^2, & x < 0 \\ 1 - x, & x > 0 \end{cases}$$

- Graph $f(x)$
- Find the domain of $f(x)$.



x	y
-2	4
-1	1
0	DNE / Undefined
1	0
2	-1

Domain: $x \in (-\infty, 0) \cup (0, \infty)$

round brackets

$-\infty < x < 0$ and $0 < x < \infty$.