

x	0	1	2	3
f	1	-2	5	0

The table above shows a function f defined on the domain $x \in \{0, 1, 2, 3\}$. The values are $f(0) = 1$, $f(1) = -2$, $f(2) = 5$, and $f(3) = 0$. The cell containing $f(2) = 5$ is shaded with diagonal lines. Arrows point from the value 1 at $x=0$ to the value -2 at $x=1$, and from the value 5 at $x=2$ to the value 0 at $x=3$.