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|-----|---|----|---|---|
| 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 the value 5 at $(2, f)$ 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 $x=3$.