

Exercise 39

For the following exercises, use the values listed in Table 6 to evaluate or solve.

x	0	1	2	3	4	5	6	7	8	9
$f(x)$	8	0	7	4	2	6	5	3	9	1

Table 6

Find $f^{-1}(0)$.

Solution

Look at the value of x corresponding to $f(x) = 0$.

x	0	1	2	3	4	5	6	7	8	9
$f(x)$	8	0	7	4	2	6	5	3	9	1

Therefore, $f^{-1}(0) = 1$.