

Exercise 31

For the following exercises, use the values listed in Table 1.

x	0	1	2	3	4	5	6	7	8
$f(x)$	1	3	5	7	9	11	13	15	17

Table 1

Solve the equation $F(x) = 5$.

[**TYPO:** The problem should read: "Solve the equation $f(x) = 5$."]]

Solution

The input corresponding with an output of 5 is $x = 2$.

x	0	1	2	3	4	5	6	7	8
$f(x)$	1	3	5	7	9	11	13	15	17

Therefore,

$$x = 2.$$