

Exercise 2

For the following exercises, determine whether each of the following relations is a function.

$$\{(2, 1), (3, 2), (-1, 1), (0, -2)\}$$

Solution

This relation is a function because each of the inputs $(2, 3, -1, 0)$ has a corresponding output $(1, 2, 1, -2)$. It doesn't matter that the outputs are not unique.