

## Exercise 7

For the following exercises, determine whether the relation represents  $y$  as a function of  $x$ .

$$\{(a, b), (b, c), (c, c)\}$$

---

### Solution

This relation is a function because there's exactly one output for each input. It doesn't matter that the output associated with  $b$  is the same as the output associated with  $c$ .