

Relations and Functions

A relation pairs inputs with outputs

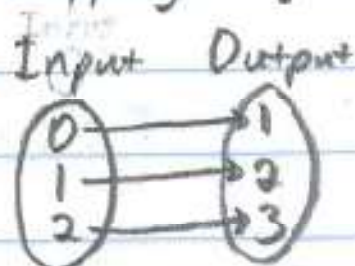
Ordered Pairs

$(0,1)$

$(1,2)$

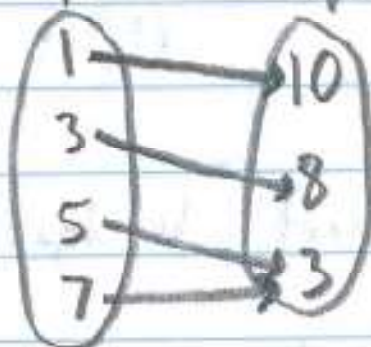
$(2,3)$

Mapping Diagram



List the ordered pairs shown in the mapping diagram.

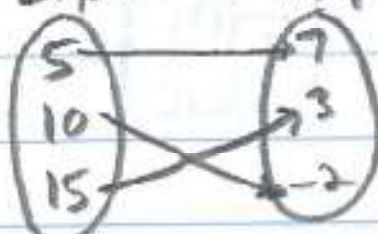
① Input Output



$(1,10), (3,8), (5,3), (7,3)$

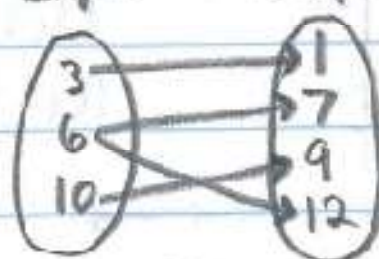
Determine whether the relation is a function.

② Input Output



Yes

③ Input Output



No