

Name:

**Problem 1:** Suppose that there exists a relation between two variables  $u$  and  $v$ . The ordered pairs belonging to this relation are presented in the table below:

$u$	2	5	3	-2	2
$v$	3	-3	1	0	6

Circle the **one** correct statement describing this situation:

- a)  $u$  is **not** a function of  $v$  and  $v$  is **not** a function of  $u$
- b)  $u$  **is** a function of  $v$ , but  $v$  is **not** a function of  $u$
- c)  $u$  is **not** a function of  $v$ , but  $v$  **is** a function of  $u$
- d)  $u$  **is** a function of  $v$  and  $v$  **is** a function of  $u$

You do not need to show any work if you do not want to.