

## Problem

Draw arrow diagrams for the Boolean functions defined by the following input/output tables.

a.

Input		Output
$P$	$Q$	$R$
1	1	0
1	0	1
0	1	0
0	0	1

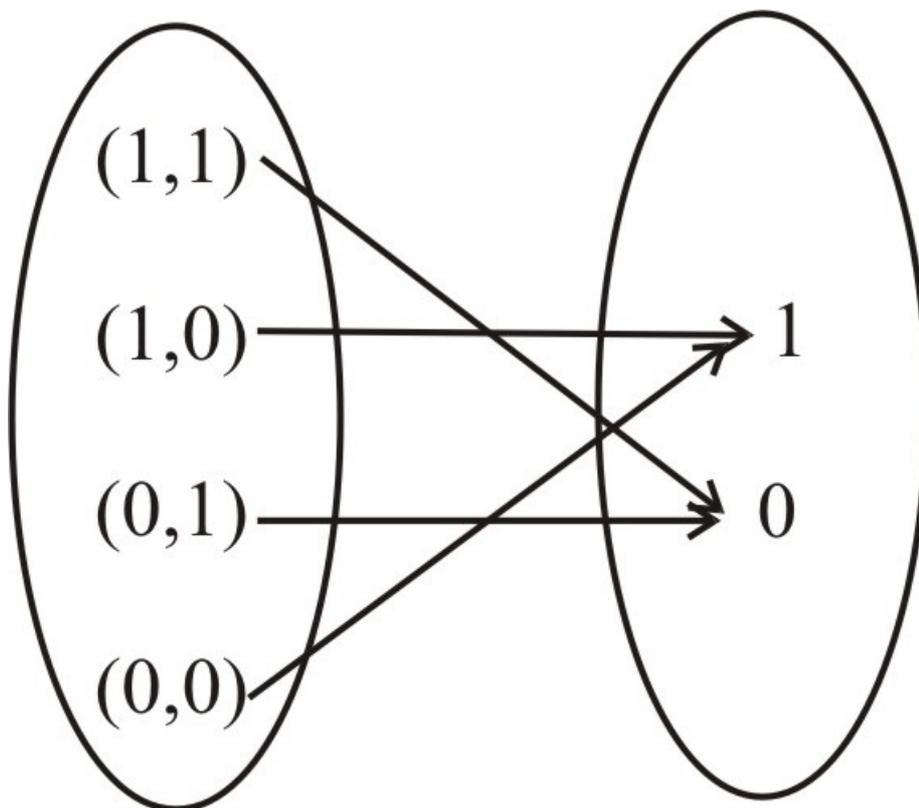
b.

Input			Output
$P$	$Q$	$R$	$S$
1	1	1	1
1	1	0	0
1	0	1	1
1	0	0	1
0	1	1	0
0	1	0	0
0	0	1	0
0	0	0	1

## Step-by-step solution

## Step 1 of 2

(a)



(b)

