



### QCM NSI 01

Aucune justification n'est demandée.  
Il peut y avoir plusieurs bonnes réponses.  
Chaque réponse correcte rapporte un point.  
Une absence de réponse n'enlève pas de point.

Nom et prénom :  
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**Question 1** Quelle est la table de vérité de la porte **et** ?

<input type="checkbox"/>	<table border="1"><thead><tr><th>A</th><th>out</th></tr></thead><tbody><tr><td>0</td><td>1</td></tr><tr><td>1</td><td>0</td></tr></tbody></table>	A	out	0	1	1	0	<input type="checkbox"/>	<table border="1"><thead><tr><th>A</th><th>B</th><th>out</th></tr></thead><tbody><tr><td>0</td><td>0</td><td>0</td></tr><tr><td>0</td><td>1</td><td>1</td></tr><tr><td>1</td><td>0</td><td>1</td></tr><tr><td>1</td><td>1</td><td>0</td></tr></tbody></table>	A	B	out	0	0	0	0	1	1	1	0	1	1	1	0	<input type="checkbox"/>	<table border="1"><thead><tr><th>A</th><th>B</th><th>out</th></tr></thead><tbody><tr><td>0</td><td>0</td><td>0</td></tr><tr><td>0</td><td>1</td><td>0</td></tr><tr><td>1</td><td>0</td><td>0</td></tr><tr><td>1</td><td>1</td><td>1</td></tr></tbody></table>	A	B	out	0	0	0	0	1	0	1	0	0	1	1	1	<input checked="" type="checkbox"/>	<table border="1"><thead><tr><th>A</th><th>B</th><th>out</th></tr></thead><tbody><tr><td>0</td><td>0</td><td>0</td></tr><tr><td>0</td><td>1</td><td>1</td></tr><tr><td>1</td><td>0</td><td>1</td></tr><tr><td>1</td><td>1</td><td>1</td></tr></tbody></table>	A	B	out	0	0	0	0	1	1	1	0	1	1	1	1
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|--------------------------|---|-----|---|-----|---|---|---|---|---|---|---|---|---|---|---|---|--------------------------|---|---|-----|---|---|---|---|--------------------------|---|---|---|-----|---|---|---|---|---|---|---|---|---|---|---|---|-------------------------------------|---|---|---|-----|---|---|---|---|---|---|---|---|---|---|---|---|
| A                        | B   | out |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                          |   |   |     |   |   |   |   |                          |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                                     |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |
| 0                        | 0   | 0   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                          |   |   |     |   |   |   |   |                          |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                                     |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |
| 0                        | 1   | 1   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                          |   |   |     |   |   |   |   |                          |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                                     |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |
| 1                        | 0   | 1   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                          |   |   |     |   |   |   |   |                          |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                                     |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |
| 1                        | 1   | 0   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                          |   |   |     |   |   |   |   |                          |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                                     |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |
| A                        | out   |     |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                          |   |   |     |   |   |   |   |                          |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                                     |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |
| 0                        | 1   |     |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                          |   |   |     |   |   |   |   |                          |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                                     |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |
| 1                        | 0   |     |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                          |   |   |     |   |   |   |   |                          |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                                     |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |
| A                        | B   | out |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                          |   |   |     |   |   |   |   |                          |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                                     |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |
| 0                        | 0   | 0   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                          |   |   |     |   |   |   |   |                          |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                                     |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |
| 0                        | 1   | 0   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                          |   |   |     |   |   |   |   |                          |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                                     |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |
| 1                        | 0   | 0   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                          |   |   |     |   |   |   |   |                          |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                                     |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |
| 1                        | 1   | 1   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                          |   |   |     |   |   |   |   |                          |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                                     |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |
| A                        | B   | out |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                          |   |   |     |   |   |   |   |                          |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                                     |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |
| 0                        | 0   | 0   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                          |   |   |     |   |   |   |   |                          |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                                     |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |
| 0                        | 1   | 1   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                          |   |   |     |   |   |   |   |                          |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                                     |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |
| 1                        | 0   | 1   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                          |   |   |     |   |   |   |   |                          |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                                     |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |
| 1                        | 1   | 1   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                          |   |   |     |   |   |   |   |                          |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                                     |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |

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|--------------------------|---|-----|---|-----|---|---|---|---|---|---|---|---|---|---|---|---|--------------------------|---|---|-----|---|---|---|---|--------------------------|---|---|---|-----|---|---|---|---|---|---|---|---|---|---|---|---|-------------------------------------|---|---|---|-----|---|---|---|---|---|---|---|---|---|---|---|---|
| A                        | B   | out |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                          |   |   |     |   |   |   |   |                          |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                                     |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |
| 0                        | 0   | 0   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                          |   |   |     |   |   |   |   |                          |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                                     |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |
| 0                        | 1   | 0   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                          |   |   |     |   |   |   |   |                          |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                                     |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |
| 1                        | 0   | 0   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                          |   |   |     |   |   |   |   |                          |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                                     |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |
| 1                        | 1   | 1   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                          |   |   |     |   |   |   |   |                          |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                                     |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |
| A                        | out   |     |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                          |   |   |     |   |   |   |   |                          |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                                     |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |
| 0                        | 1   |     |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                          |   |   |     |   |   |   |   |                          |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                                     |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |
| 1                        | 0   |     |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                          |   |   |     |   |   |   |   |                          |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                                     |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |
| A                        | B   | out |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                          |   |   |     |   |   |   |   |                          |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                                     |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |
| 0                        | 0   | 0   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                          |   |   |     |   |   |   |   |                          |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                                     |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |
| 0                        | 1   | 1   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                          |   |   |     |   |   |   |   |                          |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                                     |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |
| 1                        | 0   | 1   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                          |   |   |     |   |   |   |   |                          |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                                     |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |
| 1                        | 1   | 1   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                          |   |   |     |   |   |   |   |                          |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                                     |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |
| A                        | B   | out |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                          |   |   |     |   |   |   |   |                          |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                                     |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |
| 0                        | 0   | 0   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                          |   |   |     |   |   |   |   |                          |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                                     |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |
| 0                        | 1   | 1   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                          |   |   |     |   |   |   |   |                          |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                                     |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |
| 1                        | 0   | 1   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                          |   |   |     |   |   |   |   |                          |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                                     |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |
| 1                        | 1   | 0   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                          |   |   |     |   |   |   |   |                          |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                                     |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |



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QCM NSI 01

Question 1

Quelle est la table de vérité de la porte **non** ?

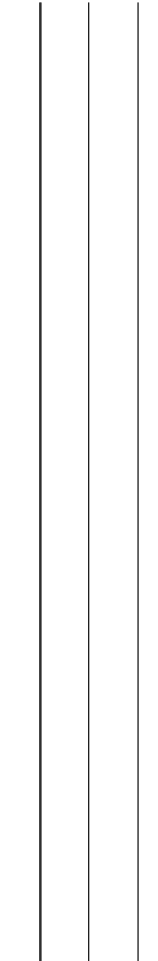


A	out
0	1
1	0

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.....



A	B	out
0	0	0
0	1	1
1	0	1
1	1	1



A	B	out
0	0	0
0	1	1
1	0	1
1	1	0

A	B	out
0	0	0
0	1	0
1	0	0
1	1	1



Question 2 Quelle est la table de vérité de la porte et ?

A	B	out
0	0	0
0	1	1
1	0	1
1	1	1

A	B	out
0	0	0
0	1	1
1	0	1
1	1	1

A	out
0	1
1	0

A	B	out
0	0	0
0	1	1
1	0	1
1	1	0

A	B	out
0	0	0
0	1	0
1	0	0
1	1	1



QCM NSI 01

Question 2

Quelle est la table de vérité de la porte non ?

A	out
0	1
1	0

Aucune justification n'est demandée.  
 Il peut y avoir plusieurs bonnes réponses.  
 Chaque réponse correcte rapporte un point.  
 Une absence de réponse n'enlève pas de point.

Nom et prénom :  
 .....

A	B	out
0	0	0
0	1	1
1	0	1
1	1	0

Question 1 Quelle est la table de vérité de la porte et ?

A	B	out
0	0	0
0	1	0
1	0	0
1	1	1

A	B	out
0	0	0
0	1	1
1	0	1
1	1	1

A	out
0	1
1	0

A	B	out
0	0	0
0	1	1
1	0	1
1	1	0

A	B	out
0	0	0
0	1	1
1	0	1
1	1	1

A	B	out
0	0	0
0	1	0
1	0	0
1	1	1



### QCM NSI 01

Aucune justification n'est demandée.  
 Il peut y avoir plusieurs bonnes réponses.  
 Chaque réponse correcte rapporte un point.  
 Une absence de réponse n'enlève pas de point.

Nom et prénom :  
 .....

**Question 1** Quelle est la table de vérité de la porte **non** ?

A	out
0	1
1	0

A	B	out
0	0	0
0	1	1
1	0	1
1	1	0

A	B	out
0	0	0
0	1	0
1	0	0
1	1	1

A	B	out
0	0	0
0	1	1
1	0	1
1	1	1

**Question 2** Quelle est la table de vérité de la porte **et** ?

A	B	out
0	0	0
0	1	0
1	0	0
1	1	1

A	B	out
0	0	0
0	1	1
1	0	1
1	1	0

A	B	out
0	0	0
0	1	1
1	0	1
1	1	1

A	out
0	1
1	0



### QCM NSI 01

Aucune justification n'est demandée.  
 Il peut y avoir plusieurs bonnes réponses.  
 Chaque réponse correcte rapporte un point.  
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 .....

**Question 1** | Quelle est la table de vérité de la porte **et** ?

- | <input type="checkbox"/> | <table border="1"><thead><tr><th>A</th><th>B</th><th>out</th></tr></thead><tbody><tr><td>0</td><td>0</td><td>0</td></tr><tr><td>0</td><td>1</td><td>1</td></tr><tr><td>1</td><td>0</td><td>1</td></tr><tr><td>1</td><td>1</td><td>0</td></tr></tbody></table> | A   | B | out | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | <input checked="" type="checkbox"/> | <table border="1"><thead><tr><th>A</th><th>B</th><th>out</th></tr></thead><tbody><tr><td>0</td><td>0</td><td>0</td></tr><tr><td>0</td><td>1</td><td>1</td></tr><tr><td>1</td><td>0</td><td>1</td></tr><tr><td>1</td><td>1</td><td>1</td></tr></tbody></table> | A | B | out | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | <input type="checkbox"/> | <table border="1"><thead><tr><th>A</th><th>out</th></tr></thead><tbody><tr><td>0</td><td>1</td></tr><tr><td>1</td><td>0</td></tr></tbody></table> | A | out | 0 | 1 | 1 | 0 | <input type="checkbox"/> | <table border="1"><thead><tr><th>A</th><th>B</th><th>out</th></tr></thead><tbody><tr><td>0</td><td>0</td><td>0</td></tr><tr><td>0</td><td>1</td><td>0</td></tr><tr><td>1</td><td>0</td><td>0</td></tr><tr><td>1</td><td>1</td><td>1</td></tr></tbody></table> | A | B | out | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 1 | 1 |
|--------------------------|---|-----|---|-----|---|---|---|---|---|---|---|---|---|---|---|---|-------------------------------------|---|---|---|-----|---|---|---|---|---|---|---|---|---|---|---|---|--------------------------|---|---|-----|---|---|---|---|--------------------------|---|---|---|-----|---|---|---|---|---|---|---|---|---|---|---|---|
| A                        | B   | out |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                                     |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                          |   |   |     |   |   |   |   |                          |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |
| 0                        | 0   | 0   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                                     |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                          |   |   |     |   |   |   |   |                          |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |
| 0                        | 1   | 1   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                                     |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                          |   |   |     |   |   |   |   |                          |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |
| 1                        | 0   | 1   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                                     |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                          |   |   |     |   |   |   |   |                          |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |
| 1                        | 1   | 0   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                                     |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                          |   |   |     |   |   |   |   |                          |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |
| A                        | B   | out |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                                     |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                          |   |   |     |   |   |   |   |                          |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |
| 0                        | 0   | 0   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                                     |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                          |   |   |     |   |   |   |   |                          |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |
| 0                        | 1   | 1   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                                     |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                          |   |   |     |   |   |   |   |                          |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |
| 1                        | 0   | 1   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                                     |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                          |   |   |     |   |   |   |   |                          |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |
| 1                        | 1   | 1   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                                     |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                          |   |   |     |   |   |   |   |                          |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |
| A                        | out   |     |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                                     |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                          |   |   |     |   |   |   |   |                          |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |
| 0                        | 1   |     |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                                     |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                          |   |   |     |   |   |   |   |                          |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |
| 1                        | 0   |     |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                                     |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                          |   |   |     |   |   |   |   |                          |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |
| A                        | B   | out |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                                     |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                          |   |   |     |   |   |   |   |                          |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |
| 0                        | 0   | 0   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                                     |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                          |   |   |     |   |   |   |   |                          |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |
| 0                        | 1   | 0   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                                     |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                          |   |   |     |   |   |   |   |                          |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |
| 1                        | 0   | 0   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                                     |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                          |   |   |     |   |   |   |   |                          |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |
| 1                        | 1   | 1   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                                     |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                          |   |   |     |   |   |   |   |                          |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |

**Question 2** | Quelle est la table de vérité de la porte **non** ?

- | <input type="checkbox"/> | <table border="1"><thead><tr><th>A</th><th>out</th></tr></thead><tbody><tr><td>0</td><td>1</td></tr><tr><td>1</td><td>0</td></tr></tbody></table> | A   | out | 0 | 1 | 1 | 0 | <input checked="" type="checkbox"/> | <table border="1"><thead><tr><th>A</th><th>B</th><th>out</th></tr></thead><tbody><tr><td>0</td><td>0</td><td>0</td></tr><tr><td>0</td><td>1</td><td>1</td></tr><tr><td>1</td><td>0</td><td>1</td></tr><tr><td>1</td><td>1</td><td>0</td></tr></tbody></table> | A | B | out | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | <input type="checkbox"/> | <table border="1"><thead><tr><th>A</th><th>B</th><th>out</th></tr></thead><tbody><tr><td>0</td><td>0</td><td>0</td></tr><tr><td>0</td><td>1</td><td>1</td></tr><tr><td>1</td><td>0</td><td>1</td></tr><tr><td>1</td><td>1</td><td>1</td></tr></tbody></table> | A | B | out | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | <input type="checkbox"/> | <table border="1"><thead><tr><th>A</th><th>B</th><th>out</th></tr></thead><tbody><tr><td>0</td><td>0</td><td>0</td></tr><tr><td>0</td><td>1</td><td>0</td></tr><tr><td>1</td><td>0</td><td>0</td></tr><tr><td>1</td><td>1</td><td>1</td></tr></tbody></table> | A | B | out | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 1 | 1 |
|--------------------------|---|-----|-----|---|---|---|---|-------------------------------------|---|---|---|-----|---|---|---|---|---|---|---|---|---|---|---|---|--------------------------|---|---|---|-----|---|---|---|---|---|---|---|---|---|---|---|---|--------------------------|---|---|---|-----|---|---|---|---|---|---|---|---|---|---|---|---|
| A                        | out   |     |     |   |   |   |   |                                     |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                          |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                          |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |
| 0                        | 1   |     |     |   |   |   |   |                                     |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                          |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                          |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |
| 1                        | 0   |     |     |   |   |   |   |                                     |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                          |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                          |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |
| A                        | B   | out |     |   |   |   |   |                                     |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                          |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                          |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |
| 0                        | 0   | 0   |     |   |   |   |   |                                     |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                          |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                          |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |
| 0                        | 1   | 1   |     |   |   |   |   |                                     |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                          |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                          |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |
| 1                        | 0   | 1   |     |   |   |   |   |                                     |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                          |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                          |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |
| 1                        | 1   | 0   |     |   |   |   |   |                                     |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                          |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                          |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |
| A                        | B   | out |     |   |   |   |   |                                     |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                          |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                          |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |
| 0                        | 0   | 0   |     |   |   |   |   |                                     |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                          |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                          |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |
| 0                        | 1   | 1   |     |   |   |   |   |                                     |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                          |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                          |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |
| 1                        | 0   | 1   |     |   |   |   |   |                                     |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                          |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                          |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |
| 1                        | 1   | 1   |     |   |   |   |   |                                     |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                          |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                          |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |
| A                        | B   | out |     |   |   |   |   |                                     |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                          |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                          |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |
| 0                        | 0   | 0   |     |   |   |   |   |                                     |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                          |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                          |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |
| 0                        | 1   | 0   |     |   |   |   |   |                                     |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                          |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                          |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |
| 1                        | 0   | 0   |     |   |   |   |   |                                     |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                          |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                          |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |
| 1                        | 1   | 1   |     |   |   |   |   |                                     |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                          |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |                          |   |   |   |     |   |   |   |   |   |   |   |   |   |   |   |   |