

Task 1

- 1. Complete the truth tables for the logic gates below and type their names into the boxes.
- 2. Drag the correct Boolean expression from the middle panel to the correct gate.

A

B



Q

Name:

Boolean Expression:

A	B	Q
0	0	
0	1	
1	0	
1	1	

A

B



Q

Name:

Boolean Expression:

A	B	Q

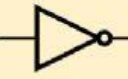
Q = A + B

Q = A ⊕ B

Q = A . B

Q = $\overline{A}$

A



Q

Name:

Boolean Expression:

A	Q
0	
1	

A

B



Q

Name:

Boolean Expression:

A	B	Q