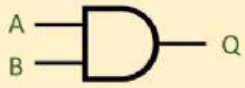
Name:_____ Date:_____

Task 1

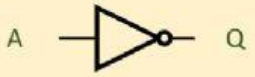
1. Complete the truth tables for the logic gates below and type their names into the boxes.
2. Drag the correct Boolean expression from the middle panel to the correct gate.



Name:

Boolean Expression:

A	B	Q
0	0	
0	1	
1	0	
1	1	



Name:

Boolean Expression:

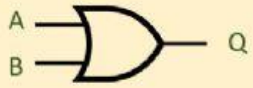
A	Q
0	
1	

$Q = A + B$

$Q = A \oplus B$

$Q = A \cdot B$

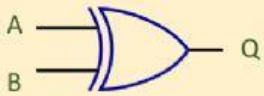
$Q = \overline{A}$



Name:

Boolean Expression:

A	B	Q



Name:

Boolean Expression:

A	B	Q