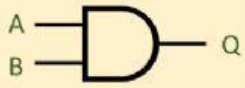
Name:_____ Date:_____

Task 1

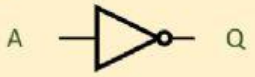
1. **Complete the truth tables for the logic gates below and type their names into the boxes.**
2. **Drag the correct Boolean expression from the middle panel to the correct gate.**



Name:

Boolean Expression:

A	B	Q
0	0	
0	1	
1	0	
1	1	



Name:

Boolean Expression:

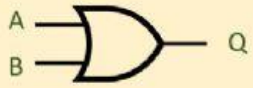
A	Q
0	
1	

$Q = A + B$

$Q = A \oplus B$

$Q = A \cdot B$

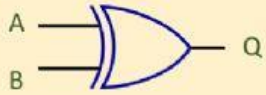
$Q = \overline{A}$



Name:

Boolean Expression:

A	B	Q



Name:

Boolean Expression:

A	B	Q