A

B

$D = A \oplus B$

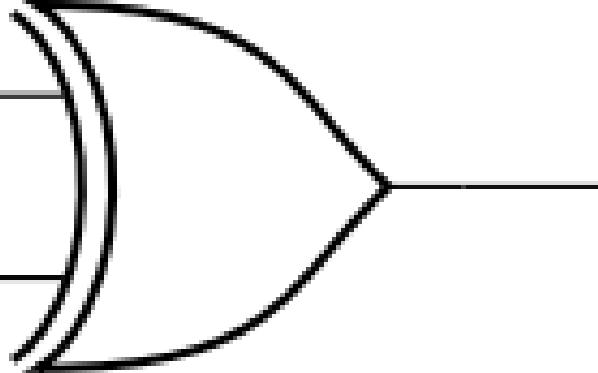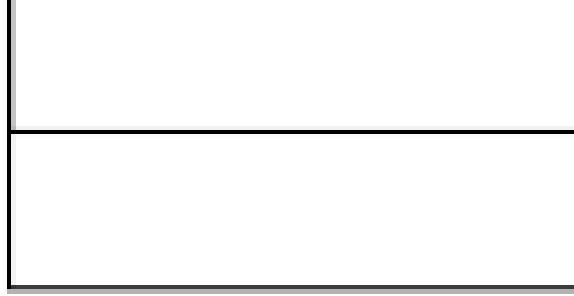$B_{out} = A' \cdot B$