

Exercise: Basic Truth Tables

For each of the following basic types of wff, you may select any of the four possible combinations of truth value. Enter the truth value of the whole in the text box, and then select "compute". See if you have entered the correct truth value. Practice until you get the right answers consistently.

Conjunction

A	B	(A&B)
<input type="radio"/> T	<input type="radio"/> T	<input type="text"/>
<input type="radio"/> F	<input type="radio"/> F	
<input type="button" value="Compute"/>		

Disjunction

A	B	(A ∨ B)
<input type="radio"/> T	<input type="radio"/> T	<input type="text"/>
<input type="radio"/> F	<input type="radio"/> F	
<input type="button" value="Compute"/>	<input type="button" value="Reset"/>	

The Conditional

A	B	(A ⊃ B)
<input type="radio"/> T	<input type="radio"/> T	<input type="text"/>
<input type="radio"/> F	<input type="radio"/> F	
<input type="button" value="Compute"/>	<input type="button" value="Reset"/>	

The Biconditional

A	B	(A ≡ B)
<input type="radio"/> T	<input type="radio"/> T	<input type="text"/>
<input type="radio"/> F	<input type="radio"/> F	
<input type="button" value="Compute"/>	<input type="button" value="Reset"/>	