1. ↕ **True/False: Is the following correct? False |= T...**

	Points:**1**

Question	Is the following correct?
	False |= True
Answer	✅ True
	False

2. ↕ **True/False: Is the following correct? True ...**

	Points:**1**

Question	Is the following correct?
	True |= False
Answer	True
	✅ False

3. ↕ **True/False: Is the following correct? (A ∧ B)&nb...**

	Points:**1**

Question	Is the following correct?
	(A ∧ B) |= (A ⇔ B)
Answer	✅ True
	False

4. ↕ **True/False: Is the following correct? (A ⇔ B)&nb...**

	Points:**1**

Question	Is the following correct?
	(A ⇔ B) |= (A ∨ B)
Answer	True
	✅ False

5. ↕ **True/False: Is the following correct? (A ⇔ B)&nb...**

	Points:**1**

Question	Is the following correct? $(A \Leftrightarrow B) \models (\neg A \lor B)$
Answer	✅ True False

6. ↕ True/False: Is the following assertion correct? ...

Points: **1**

Question	Is the following assertion correct? If $\alpha \models \gamma$ or $\beta \models \gamma$ (or both) then $(\alpha \land \beta) \models \gamma$
Answer	✅ True False

7. ↕ True/False: Is the following assertion correct? ...

Points: **1**

Question	Is the following assertion correct? If $\alpha \models (\beta \land \gamma)$ then $\alpha \models \beta$ and $\alpha \models \gamma$.
Answer	✅ True False

8. ↕ True/False: Is the following assertion correct? ...

Points: **1**

Question	Is the following assertion correct? If $\alpha \models (\beta \lor \gamma)$ then $\alpha \models \beta$ or $\alpha \models \gamma$ (or both).
Answer	True ✅ False

9. ↕ Calculated Numeric: Assume that there are only four propo...

Points: **2**

Question	Assume that there are only four propositions (A, B, C, and D). How many models are there for the following sentence? $(\neg A \lor \neg B \lor \neg C \lor \neg D)$
Answer	15