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## LOGICAL

### TABLE-SELECTION GAME

Select one correct answer for each of the questions in the test and press the Finish button at the end. The answers will be validated automatically.



Mark the correct answer.

	True	False	It is not a logical statement.
1. $(-3)^2 = 3^2 \Leftrightarrow 3 = -3$	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. $\sqrt{(-4)^2} = -4 \Leftrightarrow 2 < \sqrt{6}$	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. $\left(\frac{1}{3}\right)^{-3} = 27 \Rightarrow \left(-\frac{1}{3}\right)^3 = -27$	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. $(7 \geq 1 \wedge 5 17) \Rightarrow (\sqrt{2})^3 \in \mathbb{Z}$	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. $(2 1276) \Rightarrow (\sqrt{3} \in \mathbb{Z} \vee -5 < -6)$	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. $(12 156) \Leftrightarrow (3 156 \wedge 4 156)$	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. 2 is an even number or 5 is a divisor of 8.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. $\left(\frac{3}{4} - 2.5\right)$	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

