

6. In his theological investigations, Xenophanes discovered the Justified True Belief (JTB) theory of epistemological knowledge. According to the JTB theory, why is it always true that if you know that you're a rainbow then you actually are a rainbow? In order to help answer the epistemological question, let propositions “**K**” and “**R**” be defined in the following way ...

K: “You *know* that you're a rainbow.”

R: “You *are* a rainbow.” (“It's *true* that you're a rainbow.”)

According to the JTB theory, why is it always necessarily *true* that if you know that you're a rainbow then you (*truly*) are a rainbow? (For half of the credit to this question, highlight the row in the truth-table that *contradicts* the JTB theory. Half of your credit for this question depends on highlighting the appropriate row.)

K	R	K→R
T	T	
F	F	
F	T	
T	F	

[According to the JTB theory, why is it always necessarily *true* that if you know that you're a rainbow then you (*truly*) are a rainbow?]