

Name _____

Date _____

Conjunctions, Disjunctions, and Biconditionals - Step-by-Step Lesson

What is the truth value of the statement?

5 is even or 4 is even.



Explanation:

This is a disjunction because it contains an "or" condition. Disjunctions are true when just one or both of the sentences are true.

The truth value of the statements:

5 is even ; false (F)

4 is even ; True (T)

(F or T = T)

If first fact is false or second fact is true, the entire sentence is true.

Answer: True

