

Name _____

Date _____

Truth Values of Compound Sentences - Step-by-Step Lesson

Determine the truth value of the statement:

$9 + 6 = 15$ and 3 is a prime number.



Explanation:

We have a compound sentence here. That means that it has two or more parts that must both be true in order for the statement to be deemed true. Now let's look at both statements and determine their individual truth value:

a. $9 + 6 = 15$; True (T)

3 is a prime number; True (T)

(T and T = T)

Since both facts are true, the entire sentence is true.

Answer: True

