Name _____   Date _____

Conjunctions [asks for Logic Table] - Step-by-Step Lesson

a. Make a truth table for the statement:

~D ^ E

D	E	~D	^E

Explanation:

Truth tables are used as a quick way to represent the possible logic values of two or more statements.

If the original statement is true, the ~ secondary statement is false. If the original statement is false, the ~ secondary statement is true.

 In an original truth table D is true and ~D is false.

"^" symbolizes a logical conjunction; a compound statement formed with this connective is true only if both of the component statements between which it occurs are true.

 In truth table the original component statements between which it occurs are true, than the statement is true.

D	E	~D	^E
T	T	F	F
F	F	T	F