Example Item 3E.2b (Grade 8)
Primary Target 3E (Content Domain EE), Secondary Target 1D (CCSS 8.EE.C), Tertiary Target 3C, Quaternary Target 3F

The students in Mr. Martin's class are learning about linear equations. Kenny made a claim and two supporting claims about the possible number of solutions to a system of linear equations. Rhonda made a different claim with two supporting claims.

Indicate whether each claim is valid or not valid.

Kenny's Claims	Valid	Not Valid
Claim 1. A system of two linear equations can only have zero solutions or one solution.		
Claim 1a. If the corresponding lines are distinct and parallel, then there are no solutions.		
Claim 1b. If the corresponding lines are distinct and intersect, then there is one solution.		

Rhonda's Claims	Valid	Not Valid
Claim 2. A system of two linear equations can have more than one solution.		
Claim 2a. If the corresponding lines intersect in exactly two places, then there will be exactly two solutions.		
Claim 2b. If the corresponding lines completely coincide, then there are an infinite number of solutions.		

Rubric: (1 point) The student selects the correct claims (NVV, VNV).

Response Type: Matching Table