

1116-Q1-1955 **Oscar Levin*** (oscar.levin@unco.edu), School of Mathematical Sciences, University of Northern Colorado, Greeley, CO 80639. *Knights and Knaves in the Classroom*.

Knights and Knaves puzzles ask the reader to draw conclusions from a number of statements without knowing the truth value of each statement. One would hope that these logic puzzles would make a fantastic introduction to logic for students in a undergraduate discrete math or bridge course. However, while most examples of puzzles of this type do give students practice with logical reasoning, they do little to illustrate the use of connectives or quantifiers. In this talk, I will attempt to fill this void with a few original puzzles designed specifically to introduce students to topics in elementary logic. (Received September 21, 2015)