## Abstract Submitted for the TSF12 Meeting of The American Physical Society

The Effect of Problems Format on Student's Answer GANESH CHAPAGAIN, BETH THACKER, Texas Tech University — We have analyzed the effect of problem format on students' answers to quiz questions. Students were given the same question in three different formats: calculate ranking and multiple choice ranking. We compared the correctness of the students' answers and the types of incorrect answers in each of the different formats. We also compared to a similar, previous study done with a different quiz question written in different formats: multiple choice, explain your reasoning and ranking.

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