

187 §3- DISCRETE MATHEMATICS - Quiz 1

Instructor: Andrés E. Caicedo

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Name _____

1. Conjecture: Let x and y be integers. We have $x^2 = y^2$ if and only if $x = y$.
Resolve the conjecture, i.e., determine whether it is true or false. In either case, explain why.
2. Give an example of a generalization that is *never* true.