

Name: _____

Date: _____

Quiz name: Discrete Math Feb 17 (Induction)

1. Suppose there are statements P_n for each natural number n , and suppose I prove P_5 , I prove P_{12} , and I prove that (for all n , P_n implies P_{n+2}). Which of the following are guaranteed by the proof? Select all that are true.
- (A) P_6 is true
 - (B) P_7 is true
 - (C) $P_{1004737}$ is true
 - (D) P_n is true for all natural numbers n
 - (E) P_n is true for all n greater than or equal to 12.
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2. I am electing to be on the WORKSHEET TRACK.
- (A) Yes!
 - (B) No.