Ben Mongirdus Esc 1300 1 a) For all natural numbers n, if n is solitory, then it is prime. (converse) There exists a natural number n where if n is not solitary, then n is is not prime (contrapositive) b) There exists a natural number n where if n is not prime, then is not solitary. You would have to prove that there is no natural number number en and not solitary. is not prime c) The statement is true because 10 is not a prime number, making the hypothesis fæise. Because the hypothesis is false, at its melevant what the conclusion is, as the whole statement is automatically true. d) this tells me nothing about the original statement, as B is not prime and therefore the statement is automatically tree. Also, it says In EN, so you would have to check all n. It tells us that the converse is false because 8 is solitary but not prime, and the statement uses to. It tells us nothing about the contrapositive for similar reasons as the original