Question 1: A coverage criterion \( c_1 \) *subsumes* coverage criterion \( c_2 \) if and only if *all* test suites that satisfy \( c_1 \) also satisfy \( c_2 \). Give an example of a criterion that subsumes another criterion. Support your answer with one example test suite.

Let \( T_{c_1} \) be the *set of all test suites* that satisfy \( c_1 \). Let \( T_{c_2} \) be the set of all test suites that satisfy \( c_2 \). Criterion \( c_1 \) subsumes criterion \( c_2 \). Is it always true that \(|T_{c_2}| < |T_{c_1}|\)? If yes, then construct a proof; if no, then give a counter example.