

- b) The angles in any triangle in the Euclidean universe add up to 180°, but not in any non-Euclidean geometry. You must specify where you are before answering the question.
- c) The criteries for "touth" are completely different. The laws of physics depend on empirical evedence and can never have the same truth value as the theorems of mathematics, which ruil remains true when the unwerse collapses into a black hob where all the laws "change. On the other hand the various mathematical worlds, where our theorems are true forever, are just worlds of the imaginations which may or may not exist in any real sense.
- el) This is the "Continuum Hypothesis" which is true in some mathematical models and false in others. If you start with the usual axioms for mathematics you must say the Continuum Hypothesis is neither true nor false. It is independent.

 So the answer to "True or False?" is "NO".