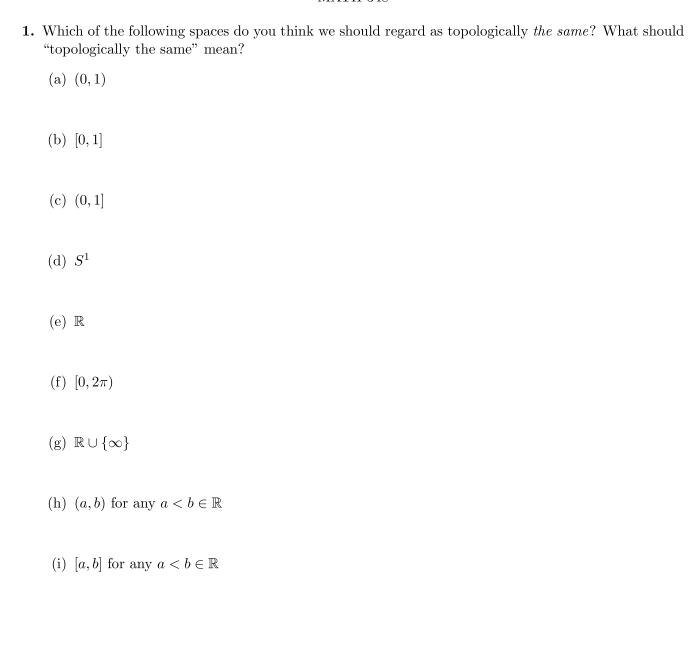
Homeomorphisms

MATH 348



2. Find three different topologies on the three-point set $\{a, b, c\}$, each consisting of five open sets, such that two of the topologies are homeomorphic, but the third is not homeomorphic to the other two.

