prime n-manifold

A `http://planetmath.org/TopologicalManifold`n-manifold M is called
if for all the factorizations of M, as a `http://planetmath.org/ConnectedSum2`connected
sum $M = M_1 \# M_2$, one finds that one of the factors M_1 or M_2 is the n-sphere
S^n.

The importance for 3-manifold is the existence and uniqueness prime
decomposition theorem which says: Each 3-manifold can be decomposed as
a connected sum of prime manifolds.