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Smale's h -cobordism theorem

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Let (N, M, M') be an <http://planetmath.org/Hcobordism> h -cobordism of smooth manifolds with N (and hence M and M') simply connected, and $\dim(M) \geq 5$. Then $N \cong M \times [0, 1]$ and M and M' are diffeomorphic.