

ReidemeisterOne@MDT[3, -5, -9, 7, -1, -8, 10, 4, -2, 6]

{MDT[1, -9, -6, 10, -8, -2, 4, 11, -5, 3, 7],
MDT[1, -8, 6, 10, -2, -9, 3, -11, -5, 7, 4],
MDT[1, -8, 10, 7, -11, 9, 3, -5, -2, 6, -4],
MDT[1, -5, -9, 11, 8, -2, 10, 4, -6, -3, 7],
MDT[1, 5, -9, 7, 11, -3, -10, 4, -2, -6, 8],
MDT[1, 8, -10, -7, 11, -9, -3, 5, 2, -6, 4]}