Question #73495, Chemistry / General Chemistry / Completed

How many cubic inches are there in 9.0 cubic miles?

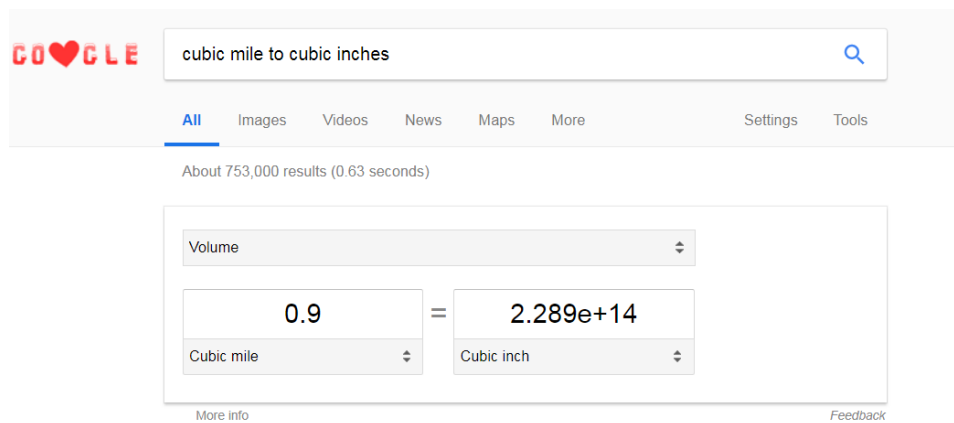## Solution

1 mile = 63360 inches

1 mile^3 = 63360^3 = 254358061056000 inches^3

0.9 mile^3 – x

X = 0.9 · 254358061056000 = 228922254950400 ≈ 2.3e+14 inches^3

Answer: ≈ 2.3e+14 inches^3