Answer on Question #45868, Physics, Atomic Physics

Task: A typical atom has a diameter of about 1.0x10⁻¹⁰ meters. What is this in inches?

Answer:

1 inch=0.0254m

So 1.0x10⁻¹⁰ meters=$10^{-10}/0.0254 \approx 39.37 \cdot 10^{-10} inches$