

Question

A cubic decimeter is the definition of a?

Answer:

Litre

From 1901 to 1964, the litre was defined as the volume of one kilogram of pure water at maximum density and standard pressure. Since 1 kg of pure water at maximum density and standard pressure occupies exactly 1 cubic decimeter, the litre is defined as a special name for a cubic decimetre or $10\text{ cm} \times 10\text{ cm} \times 10\text{ cm}$, ($1\text{ L} \equiv 1\text{ dm}^3 \equiv 1000\text{ cm}^3$).