

$$\text{Unified atomic mass unit} = 1.66 \times 10^{-27} \text{ kg} = 1.66 \times 10^{-24} \text{ g}$$

$$\text{Atomic mass} = \text{Mass of one atom} / \text{Unified atomic mass unit} = 6.642 \times 10^{-23} \text{ g} / 1.66 \times 10^{-24} \text{ g} = 40$$