(Pure substances and mixtures)

Q1. (2022)

mass = density × volume

mass = 0.40 × 40

= 16 (g)

Q2.(2023)

(M_r = 63.5 + 56 + (2 x 32) =)
183.5

$$(\%\ \text{of copper} =) \frac{63.5}{183.5} \times 100$$

= 34.6 (%)