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$$\begin{array}{r}
 {}^{10}_5\text{B} = 10\text{amu} \times \frac{19.9\%}{0.199} = 1.99\text{amu} \\
 {}^{11}_5\text{B} = 11\text{amu} \times \frac{80.1\%}{0.801} = 8.81\text{amu}
 \end{array}
 \left. \begin{array}{l} \\ \\ \end{array} \right\} \begin{array}{l} \text{Frac.} \\ \text{Abund.} \end{array}$$

Mass_{amu} × Isotope Ratio

$$\text{B (Avg)} = \underline{\underline{10.81\text{amu}}} \text{ (Per. Table)}$$

$$\text{Avg Atomic Mass} = \sum \text{Frac. Abund.}$$

add together (sum)

$$1.99\text{amu} + 8.81\text{amu} = \underline{\underline{10.80\text{amu}}} \text{ (Avg. Atomic Mass B)}$$

