

7. Convert 10_2 to decimal

$$\boxed{2_{10}}$$

$$\begin{aligned}1 \times 2^1 &= 2 \\0 \times 2^0 &= 0\end{aligned}$$

$$2 + 0 = 2_{10}$$

8. Convert 10_{16} to decimal

$$\boxed{16_{10}}$$

$$\begin{aligned}1 \times 16^1 &= 16 \\0 \times 16^0 &= 0\end{aligned}$$

$$16 + 0 = 16_{10}$$

9. Convert AB_{16} to decimal

$$\boxed{171_{10}}$$

$$\begin{aligned}A/10 \times 16^1 &= 160 + 11 = 171_{10} \\B/11 \times 16^0 &= 0\end{aligned}$$

10. Convert $F0_{16}$ to decimal

$$\boxed{240_{10}}$$

$$\begin{aligned}F/15 \times 16^1 &= 240 + 0 = 240_{10} \\0 \times 16^0 &= 0\end{aligned}$$