

* Hexadecimal para decimal

$$7. \overset{16^3}{(1)} \overset{16^2}{A} \overset{16^1}{B} \overset{16^0}{C})_{16} \rightarrow (\quad 6.844 \quad)_{10}$$

$$(1 \cdot 16^3) + (A \cdot 16^2) + (B \cdot 16^1) + (C \cdot 16^0)$$

$$(1 \cdot 4096) + (10 \cdot 256) + (11 \cdot 16) + (12 \cdot 1) = 4096 + 2560 + 176 + 12 = 6844$$

* Hexadecimal para decimal

$$2. (FACA)_{16} \rightarrow (64202)_{10}$$

$$FACA \rightarrow (F \cdot 16^3) + (A \cdot 16^2) + (C \cdot 16^1) + (A \cdot 16^0) \Rightarrow$$
$$\underset{16^3}{F} \underset{16^2}{A} \underset{16^1}{C} \underset{16^0}{A} \Rightarrow (15 \cdot 16^3) + (10 \cdot 16^2) + (12 \cdot 16^1) + (10 \cdot 16^0) \Rightarrow$$

$$(15 \cdot 4096) + (10 \cdot 256) + (12 \cdot 16) + (10 \cdot 1) \Rightarrow$$

$$61440 + 2560 + 192 + 10 = 64202$$