

$$1- 9F_3$$

$$9 \times 16 + 15 = 759$$

$$2- 10^2 \times 16^2 + 11 \times 16 + 1 \quad AB1$$

$$2560 + 176 + 1 = 2737$$

$$3- \begin{array}{r} 1 \quad 3 \quad 3 \quad 4 \\ 10 \quad 11 \quad 100 \end{array}$$

$$\begin{array}{r} 1011100 \\ 16^3 \quad 5 \quad 12 = 5C \end{array}$$

$$\begin{array}{r} 1 \quad 1 \quad 1 \quad 4 \quad 174_8 \\ 10 \quad 11 \quad 100 \\ 5 \quad 12 \quad 1 \end{array}$$

$$0 + 0 \cdot 4 + 8 + 16 + 0 + 64 = 92_{10}$$

$$5C_{14}$$

$$92_{10}, 5C_{16}, 174_8$$

$$4- \begin{array}{r} 10110000 \\ 10101111 \\ A \quad F \end{array}$$

$$=_{10} 128 + 32 + 8 + 4 + 2 + 1 = 175$$

$$=_{16} AF$$

$$+1 = 10110000$$

$$8- 7E + 3C =$$

$$5A$$

$$\begin{array}{r} 7E \\ + 3C \\ \hline \end{array}$$

$$5A$$

$$5A$$