

$$\begin{array}{r}
 6. \quad 154 \quad \text{L2} \\
 \quad 0, 77 \quad \text{L2} \\
 \quad \quad 1, 38 \quad \text{L2} \\
 \quad \quad \quad 0, 19 \quad \text{L2} \\
 \quad \quad \quad \quad 1, 9 \quad \text{L2} \\
 \quad \quad \quad \quad \quad 1, 4 \quad \text{L2} \\
 \quad \quad \quad \quad \quad \quad 0, 2 \quad \text{L2} \\
 \quad \quad \quad \quad \quad \quad \quad 0, 1 \\
 \quad \quad \quad \quad \quad \quad \quad \quad 0
 \end{array}$$

$$154 = \overbrace{100}^9 \overbrace{11010}^A$$

$$H = 9A$$

$$\begin{array}{r}
 7. \quad 188 \quad \text{L2} \\
 \quad 0, 94 \quad \text{L2} \\
 \quad \quad 0, 47 \quad \text{L2} \\
 \quad \quad \quad 1, 23 \quad \text{L2} \\
 \quad \quad \quad \quad 1, 11 \quad \text{L2} \\
 \quad \quad \quad \quad \quad 1, 5 \quad \text{L2} \\
 \quad \quad \quad \quad \quad \quad 1, 2 \quad \text{L2} \\
 \quad \quad \quad \quad \quad \quad \quad 0, 1
 \end{array}$$

$$188 = \overbrace{1011}^B \overbrace{1100}^C$$

$$H = BC$$

$$\begin{array}{r}
 8. \quad 228 \quad \text{L2} \\
 \quad 0, 114 \quad \text{L2} \\
 \quad \quad 0, 57 \quad \text{L2} \\
 \quad \quad \quad 1, 28 \quad \text{L2} \\
 \quad \quad \quad \quad 0, 14 \quad \text{L2} \\
 \quad \quad \quad \quad \quad 0, 7 \quad \text{L2} \\
 \quad \quad \quad \quad \quad \quad 1, 3 \quad \text{L2} \\
 \quad \quad \quad \quad \quad \quad \quad 1, 1
 \end{array}$$

$$228 = \overbrace{11100}^E \overbrace{100}^4$$

$$H = E4$$

$$9. \quad 0E \rightarrow 0 = 0000 \quad 0E = 00001110$$

$$E = 1110$$

$$12. \quad 6D \rightarrow 6 = 0110$$

$$D = 1101$$

$$10. \quad AA \rightarrow A = 1010 \quad AA = 10101010$$

$$11. \quad A3 \rightarrow A = 1010 \quad A3 = 10100011$$

$$3 = 0011$$

$$6D = 01101101$$