

# Rapid conversions

$$A39, 5B_{(16)} = ?_{(2)}$$

$$= \overbrace{10100011}^A \overbrace{1001}^3, \overbrace{0101}^5 \overbrace{10110}^B_{(2)} =$$

$$= 5071,26_{(8)}$$

$$= \overbrace{22}^A \overbrace{03}^3 \overbrace{21}^3, \overbrace{11}^5 \overbrace{23}^B_{(4)}$$

$$D_{(16)} = 13 = 8 + 4 + 1 = 2^3 + 2^2 + 2^0 = 1101_{(2)}$$

$$6D = 64 + 4 + 1 = 2^6 + 2^2 + 2^0 = 1000101_{(2)}$$