

1. C.82

↓

$$12 \rightarrow 12(16^0) + 8(16^{-1}) + 2(16^{-2}) = 12.504 \Rightarrow \text{decimal}$$

$$1100, 1000 \ 0010 \Rightarrow \text{binary}$$

$$(1100.1000 \ 0010) \Rightarrow 14.04 \text{ octal}$$

$$16 \rightarrow -37$$

$$16 \rightarrow 10010 \rightarrow 01101 \rightarrow 01111$$