



(a) The place values for 8BE7.

$$\begin{array}{rcl}
 7 \times 1 & = & 7 \\
 14 \times 16 & = & 224 \\
 11 \times 256 & = & 2,816 \\
 8 \times 4096 & = & 32,768 \\
 \hline
 & & 35,815
 \end{array}$$

(b) Converting 8BE7 to decimal.