

RA : 1726650

$$AA = (66)_{10} = (01000010)_2$$

$$(-66)_{10} = (10111110)_2$$

$$BB = (50)_{10} = (00110010)_2$$

$$(-50)_{10} = (11001110)_2$$

A)

$$\begin{array}{cccccccc} 0 & 1 & 0 & 0 & 0 & 0 & 1 & 0 \\ 0 & 0 & 1 & 1 & 0 & 0 & 1 & 0 \\ \hline 0 & 1 & 1 & 1 & 0 & 1 & 0 & 0 \end{array} = (116)_{10}$$

b)

$$\begin{array}{cccccccc} 0 & 1 & 0 & 0 & 0 & 0 & 1 & 0 \\ 1 & 1 & 0 & 0 & 1 & 1 & 1 & 0 \\ \hline 1 & 0 & 0 & 0 & 1 & 0 & 0 & 0 \end{array} = (16)_{10}$$

C)

$$\begin{array}{cccccccc} 1 & 0 & 1 & 1 & 1 & 1 & 1 & 0 \\ 0 & 0 & 1 & 1 & 0 & 0 & 1 & 0 \\ \hline 1 & 1 & 1 & 1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & 0 & 0 & 0 & 0 \end{array} \begin{array}{l} = (-16)_{10} \\ = (16)_{10} \end{array}$$

D)

$$\begin{array}{cccccccc} 1 & 0 & 1 & 1 & 1 & 1 & 1 & 0 \\ 1 & 1 & 0 & 0 & 1 & 1 & 1 & 0 \\ \hline 1 & 1 & 0 & 0 & 0 & 1 & 1 & 0 \\ 0 & 1 & 1 & 1 & 0 & 1 & 0 & 0 \end{array} \begin{array}{l} = (-116)_{10} \\ = (116)_{10} \end{array}$$