



2.

$$18 \Rightarrow 0001\ 0010$$

$$-37 \Rightarrow 0010\ 0101 \Rightarrow 1101\ 1011$$

$$\begin{array}{r} 00010010 \\ 11011011 \\ \hline \end{array}$$

$$11101101 = -19$$

8-bit no overflow

$$00010011 = 19$$

