Practice Problem 2.15 (solution page 184)

Using only bit-level and logical operations, write a C expression that is equivalent to $\mathbf{x} = \mathbf{y}$. In other words, it will return 1 when \mathbf{x} and \mathbf{y} are equal and 0 otherwise.

! (x 7 y)

Monzero if x and y differ at any bit 1/10

Alternatively:

! (X & (ny)) Only works for $y \neq no$ (always true if y = no)

! (nx & y) Only works for $x \neq no$ (always true if x = no)

So need to Gubine them, $|[(x \notin (_{n}y))] (nx \notin y)] = |(x^n y)$