

4)

$h = \text{true}$ $k = \text{false}$

$h \mid h = \text{true}$ $k \mid k = \text{false}$

$h \mid 0 = \text{true}$ $k \mid 0 = \text{false}$

$h \mid 1 = \text{true}$ $k \mid 1 = \text{true}$

$h \mid \text{not } h = \text{true}$ $k \mid \text{not } k = \text{true}$

5)

$h \& h = \text{true}$ $k \& k = \text{false}$

$h \& 0 = \text{false}$ $k \& 0 = \text{false}$

$h \& 1 = \text{true}$ $k \& 1 = \text{false}$

$h \& \text{not } h = \text{false}$ $k \& \text{not } k = \text{false}$