

2.

Suponha que $s_x = 3$, determine $B[\neg(x = 1)]s$

$$\begin{aligned} B[\neg(x = 1)]s &= B[\neg(A[a_1]s = A[a_2]s))] \\ &= B[\neg(A[x]s = A[1]s))] \\ &= B[\neg((sx) = N[1])] \\ &= B[\neg(3 = 1)] \\ &= B[\neg(ff)] \\ &= B[tt] \\ &= tt \end{aligned}$$