Problem Set 08: MPL Models (Answers)

1. Is the following proposition true or false in the given model? Briefly explain your anwser.

   (a) ¬(∃xCx↔ Ab)

      Domain: [1,2,3]
      Referents: [(b,1)]
      Extensions: [(C,[]),(A,[2,3])]

   (b) Answer:

      False

2. Is the following proposition true or false in the given model? Briefly explain your answer.

   (a) (Kbc∧∀xKxx)

      Domain: [1,2,3]
      Referents: [(b,2),(c,3)]
      Extensions: [(K,[(1,1)(1,2)(3,1)(3,2)(3,3)])]

   (b) Answer:

      False