MAT115 Quiz 11, Spring 2025

Name:

1. (3pts) What knot is this? Use both tricoloration and Reidemeister moves to identify it:
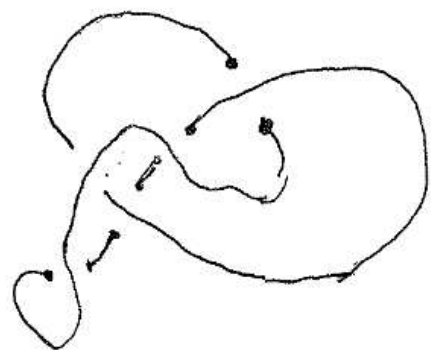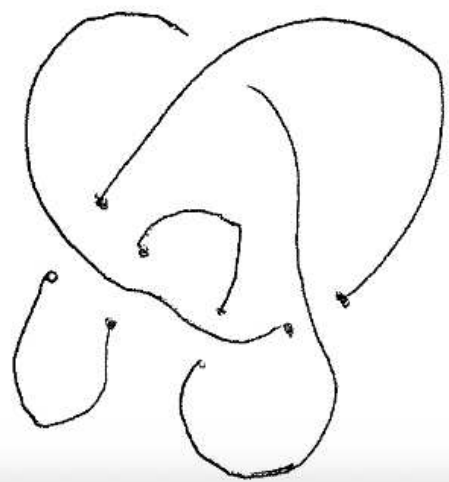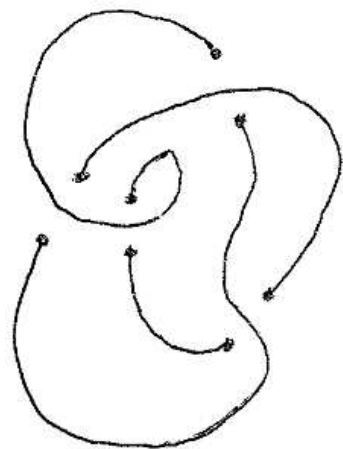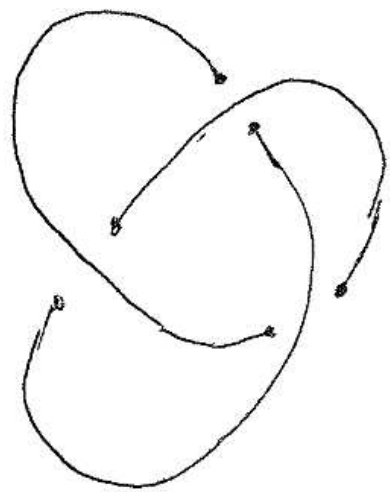

2. (4pts) Draw the following. (**Reminder**: if you do not clearly indicate the overs and unders, then it is **impossible** for us to determine which knot it is.)

   a. The Borromean Rings

   b. 5_2 knot

3. (3pts) The knot in the upper left is the projection of a trefoil knot. The other three knot projections are obtained from it by the application of one Reidemeister move. Indicate which move, and where it occurred.