

Fill in the details of these two diagrams, illustrating Reidemeister moves: what moves were used?

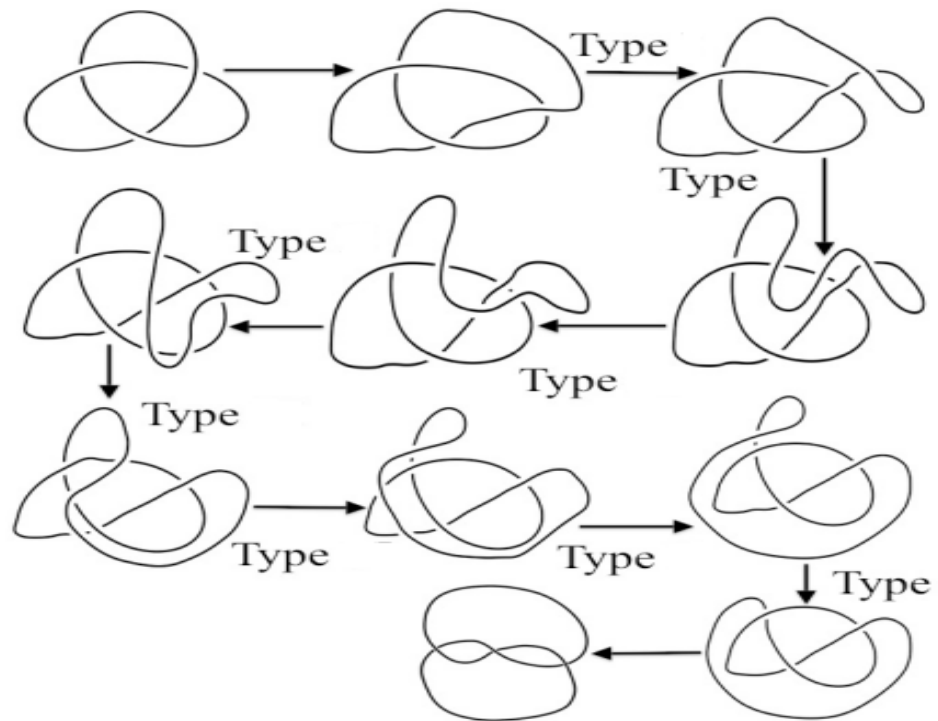


Figure 7.13: A sequence of Reidemeister moves showing two projections of the trefoil knot are equivalent

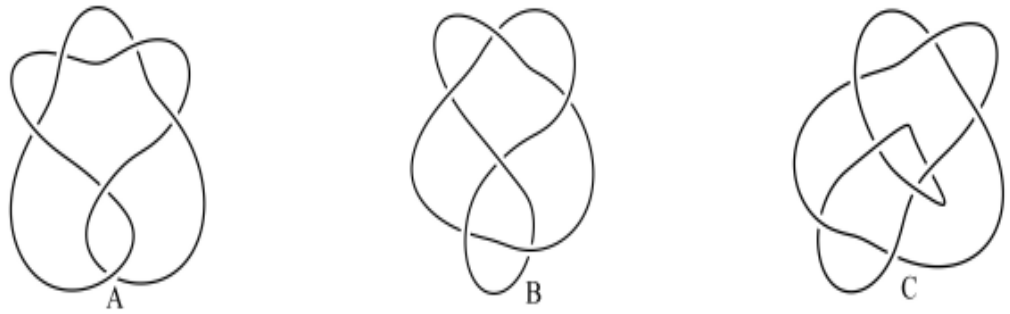


Figure 7.10: Three knot projections.

15. Only two of the knots in Figure 7.10 are tricolorable. Determine which ones are tricolorable, provide an appropriate coloring for the two that are tricolorable.

Which of these knots could be equivalent?

Starting from a projection of the Figure-8 knot, create three new projection of the knot by illustrating the following moves, in order: Type III, Type II, and Type I.

