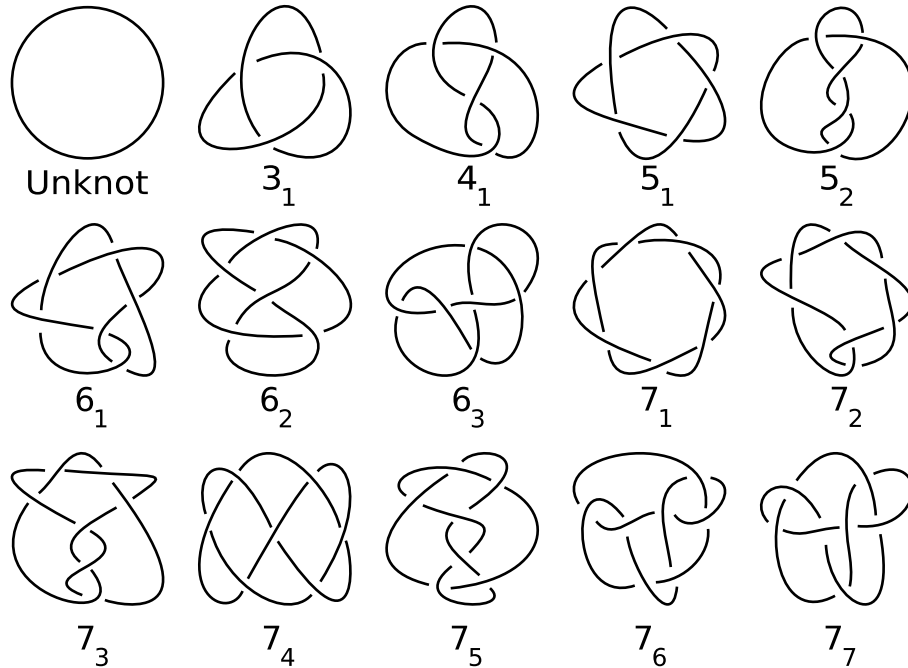


## Homework 1: Knot Theory

*Due Tuesday, Week 2, at the start of class**UCSB 2015*

1. Here are fifteen knots:



For as many knots as you can get to, determine whether or not they are tricolorable. If a knot is tricolorable, give me a three-coloring of that knot! If a knot is not tricolorable, explain why it is not tricolorable. Work on knots for at least 90 minutes or until you classify them all.