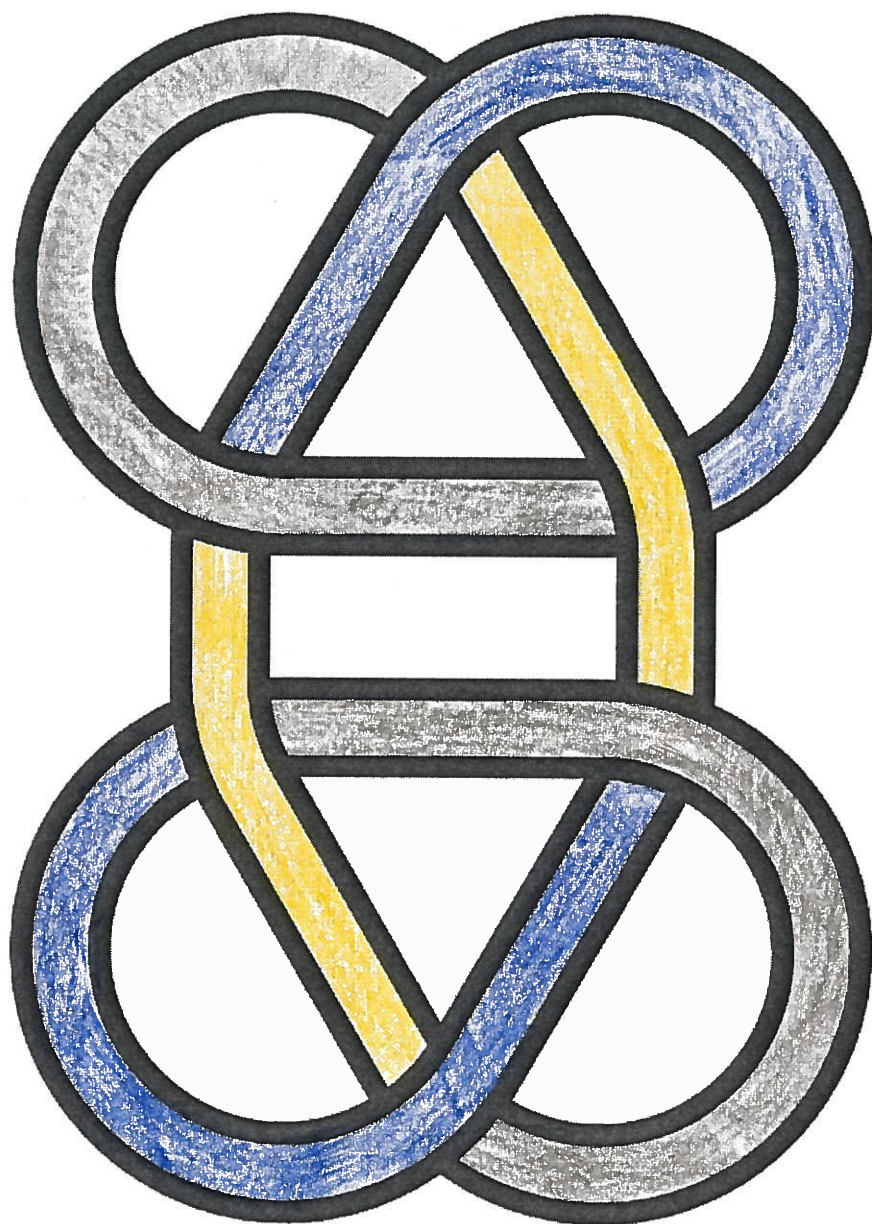

Knot Colorings

Directions. Your challenge is to color the following knots using three colors. But there's a catch! You have to follow these rules:

- You have to use all three colors
- Every time the strands cross, the three pieces coming together have to be either all the same color or all three different colors.

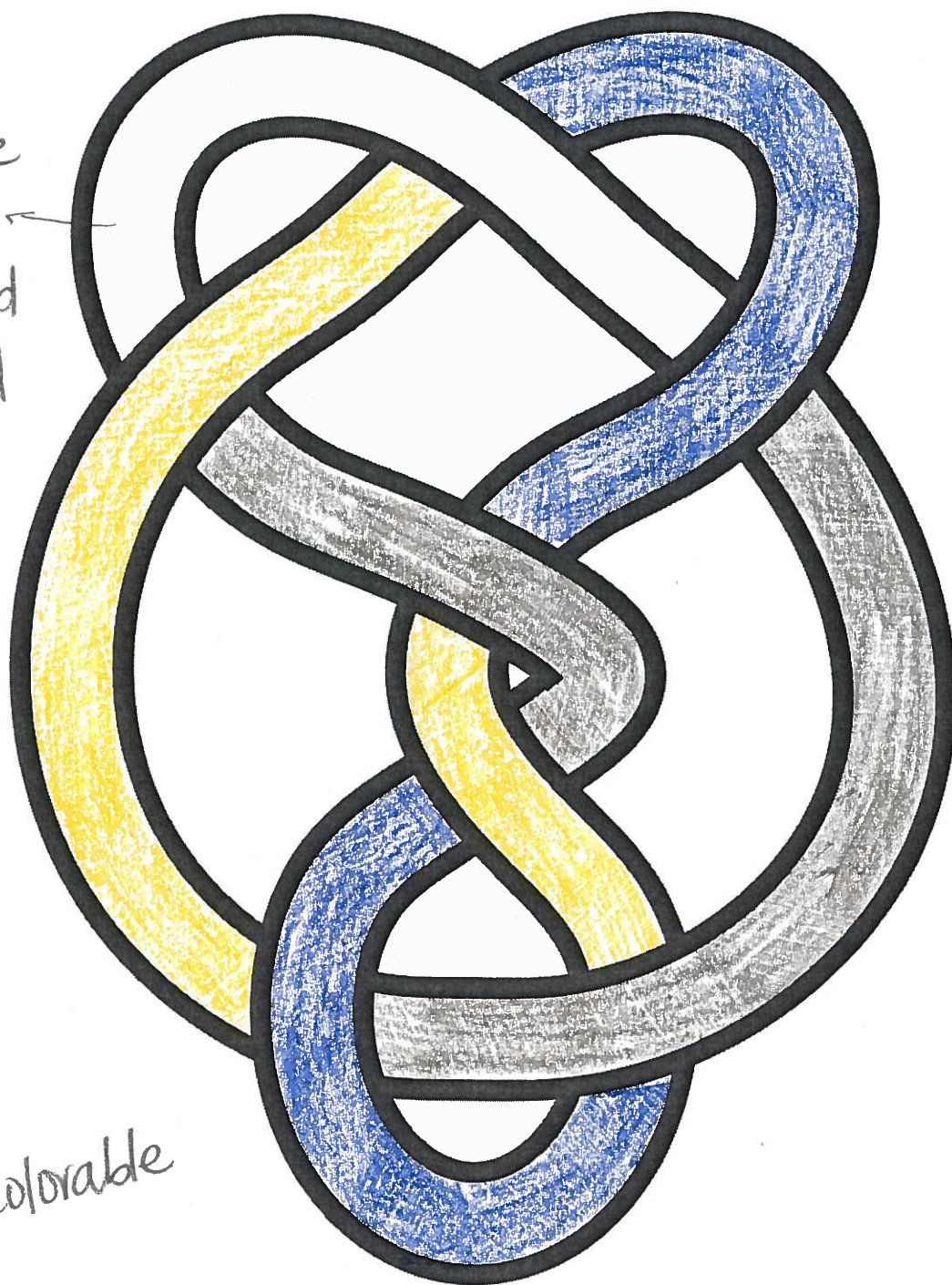
One can be colored using those rules and one cannot be. Can you figure out which is which? For answers, visit una.edu/math/news-events/knotcoloringsolutions



Tricolorable!

The Granny Knot

Needs to be
Purple,
gray, and
yellow all
at once!



NOT Tricolorable

The 7_5 Knot