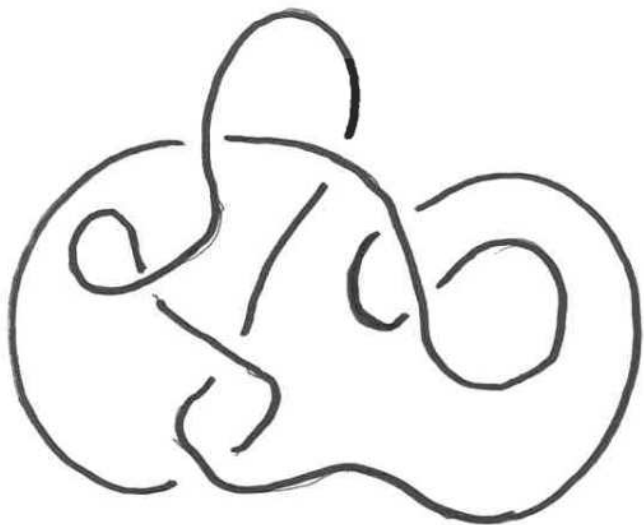


MAT115 Quiz 12, Spring 2025

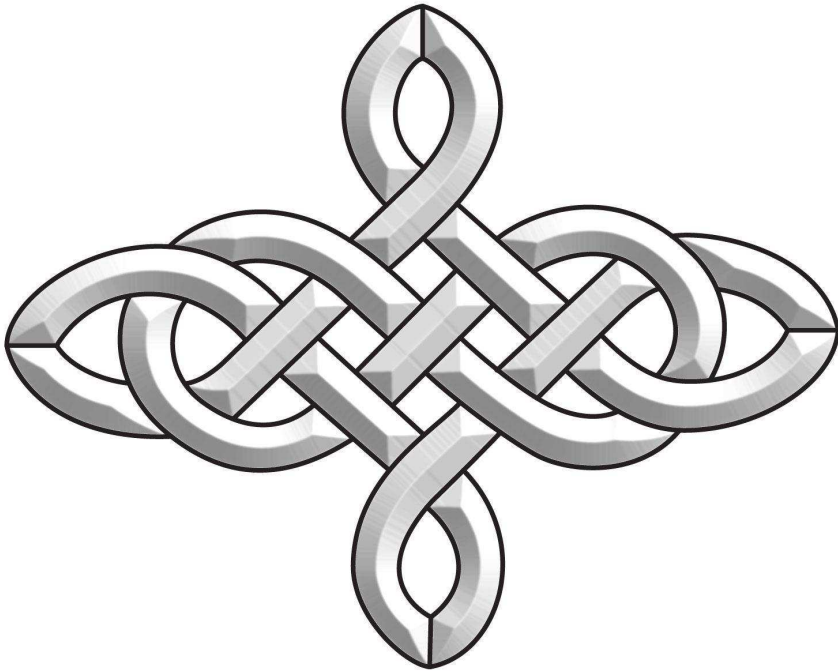
Name:

1. (2pts) Draw your favorite knot and your favorite link, and identify them:

2. (2 pts) What knot is this?



3. (2 pts) Decide whether this “Celtic Knot” is tricolorable, or knot! (Is it a knot?)



4. (2 pts) The Hilbert Hotel is full, and a regular old school bus shows up, with 30 people on it. How do we make room for them?
5. (2 pts) The Hilbert Hotel is full, and an infinite school bus shows up, with seats $1, 2, 3, \dots$ people on it. How do we make room for them?