Name:

1. (3pts) Draw the following knots. (**Reminder**: if you do not clearly indicate the overs and unders, then it is **impossible** for us to determine which knot it is.)

    a. Trefoil knot

    b. Figure-Eight knot

    c. Cinquefoil knot

2. (2pts) Which of our knots and links (all those with five crossings or fewer) **cannot** be obtained by twisting a band and cutting it down the middle?

3. (3pts) Draw the following links:

    a. Hopf Link

    b. Unlink

    c. Solomon's Knot

4. (2pts) When we twist a band and connect the ends (as we did for a Mobius band), and then cut it down the middle, what determines whether the result is a knot or a link?