Name(s):

Indefinite Integral Dominoes

Purpose. This activity is intended to give you practice with integrals and derivatives/antiderivatives learned from Calculus I.

Instructions. There are twenty-four dominos in the set. Each domino includes an indefinite integral and an antiderivative. Match the indefinite integral on one domino with an antiderivative on the next domino in the chain.

Leading questions and general ideas.

1. What strategies did you use to match the integrals to the antiderivatives? Which integrals were easy to match, and which were more challenging? Why?

2. Were there any errors that you made in computing solutions that you were able to identify and correct? Describe some of the errors that you or your group made.

3. Did you notice any relationships among any of the integrals? Explain.

4. Describe one or two strategies you found helpful to complete the chain.