

Name: \_\_\_\_\_

- A. What happened when you drew a line down the center of the Mobius band?
- B. How many sides does your Mobius band have?
- C. How many edges does the Mobius band have?
- D. Predict what will happen when you cut the Mobius band in half down the center line (the line you already drew).
- E. What happened when you cut the Mobius band in half down the center line?
- F. How many edges does the cut-in-half Mobius band have?
- G. How many sides does the cut-in-half Mobius band have?
- H. What happens when you cut the cut-in-half Mobius band in half?
- I. What happens when you cut a Mobius band in thirds?

Use the back of this paper to write down results of experiments with bands made with 2, 3, or 4 twists. Compare with a classmate.