











## One sided? One edge?

- (1) start midway between the "edges" of a Möbius Strip and draw a line down its center; continue the line until you return to your starting point without lifting the pen. Did you ever cross an edge?
- (2) Next, hold the edge of a Möbius Strip against the tip of a felt-tipped highlighter pen. Color the edge of the Möbius Strip by holding the highlighter still and just rotating the Mobius Strip around.
  Were you able to colour the entire edge?
- (3) Now, with scissors cut the Möbius Strip along the center line that you drew. Then draw a center line around the resulting band, and cut along it. Did you predict what would happen?



- The famous artist, M.C. Escher, used mathematical themes in some of his work, including a Möbius parade of ants
- Giant Möbius Strips have been used as conveyor belts (to make them last longer, since "each side" gets the same amount of wear) and as continuous-loop recording tapes (to double the playing time).































