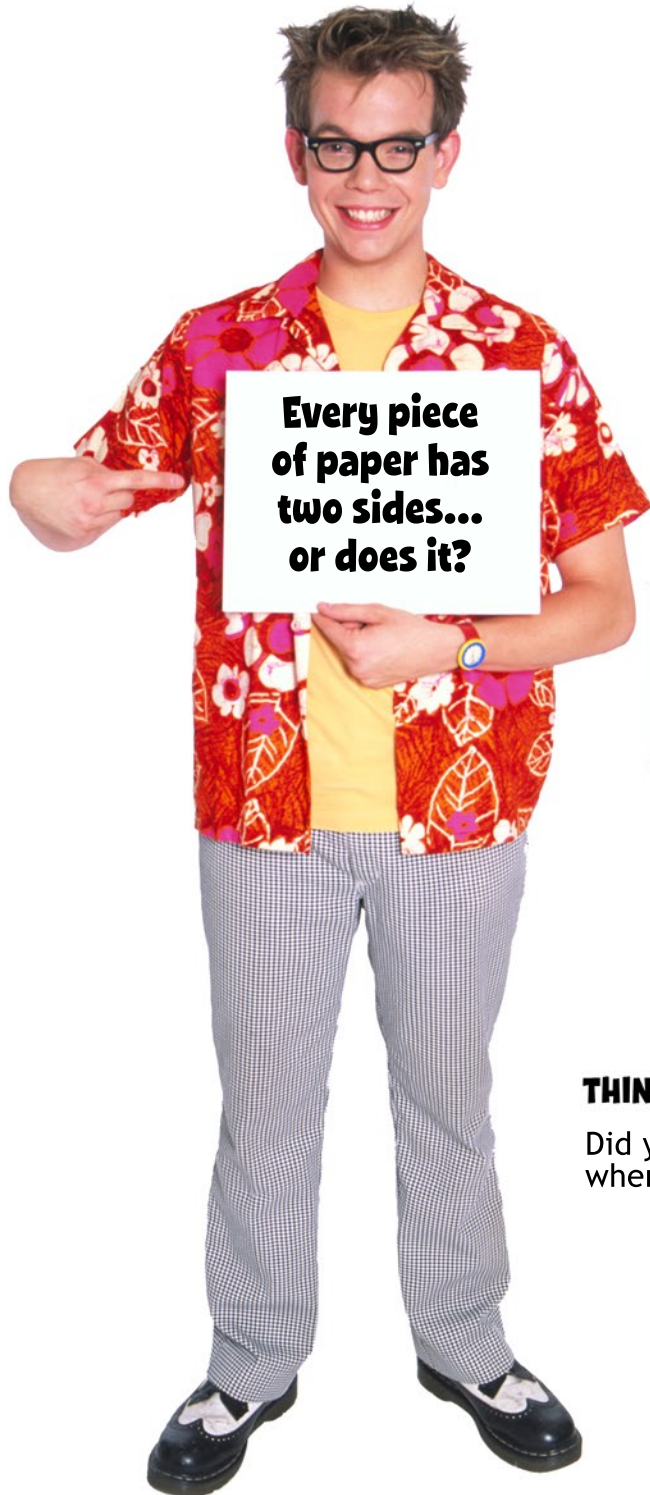




Cyberchase

MATH MAGIC



Every piece of paper has two sides... or does it?

Make a Mobius Strip

YOU NEED

- 1 strip of paper, at least $1\frac{1}{2}$ inches wide and 15 inches long
- tape
- marker
- scissors

DIRECTIONS

- 1.** To make a Möbius (*MOH-bee-us*) strip, hold the strip in a loop.



- 2.** Turn over one of the ends to put a twist in the loop. Tape the ends together. (Put tape on both sides.)

- 3.** Draw a continuous line along the center of the strip. Keep going until your line meets where you started.



THINK ABOUT IT...

Did you have to cross the edge of the paper to get back to where you started? How many sides does the strip have?



WAIT, THERE'S MORE!

Ready for another surprise? Cut the strip along the center line. What happens?