## ircuit Puzzles

Predict whether each circuit will light all the LEDs. Then build the circuits. If the circuit doesn't work make changes! Add or remove copper tape. Add more or different LEDs.



tightly wound lead as positive, and the loosely wound lead as negative. is negative, check each LED before placing it in your circuit. In this activity the picture shows the LEDs have a positive and negative lead (wire). Typically the longer lead is positive and the shorter lead



1.) Will all three LEDs light?

Predict:

ALL? TWO? ONE? NONE?

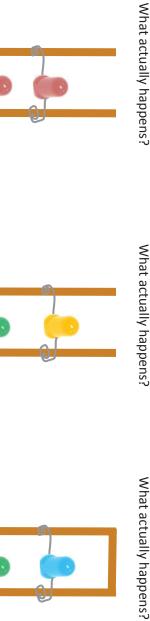
ALL? TWO? ONE? NONE?

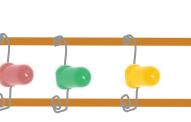
Predict:

- 2.)
- Will all three LEDs light?
- <u>3.</u> Will all three LEDs light?
- Predict:

ALL? TWO? ONE? NONE?

- 4.) Will all four LEDs light?
- Predict:
- ALL? THREE? TWO? ONE? NONE?









CR 2031

CR 2031

