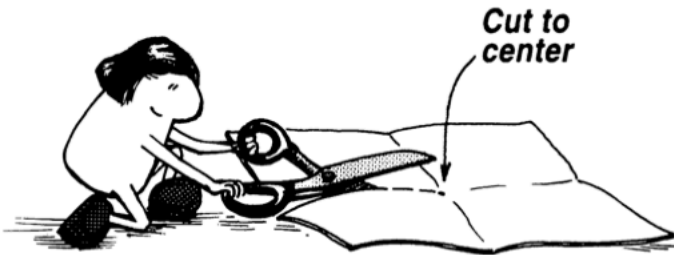
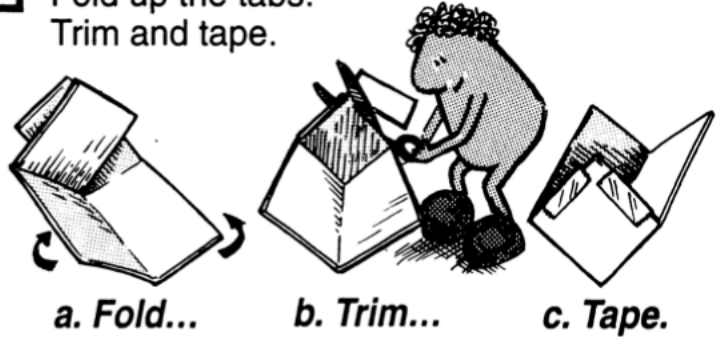


# BUILD A PAPER BEAM BALANCE (2)

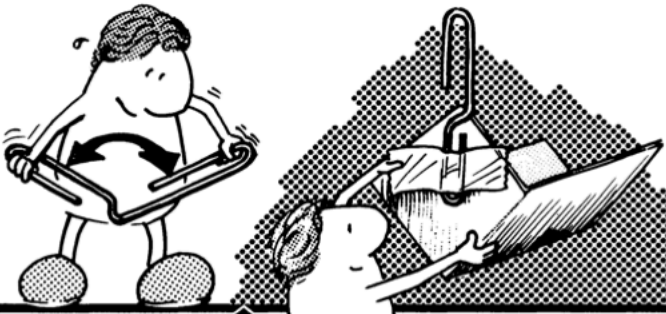
- 1** Fold a 3x5 index card in half both ways. Cut the long fold to the center.



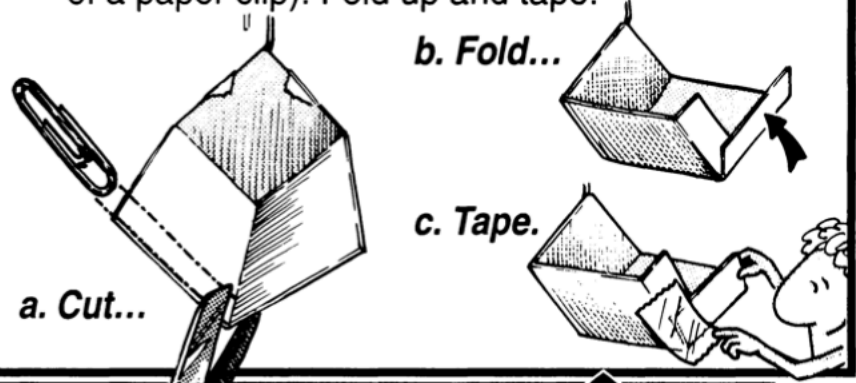
- 2** Fold up the tabs. Trim and tape.



- 3** Unbend a paper clip. Tape the small end to the outside of your folded-up card.



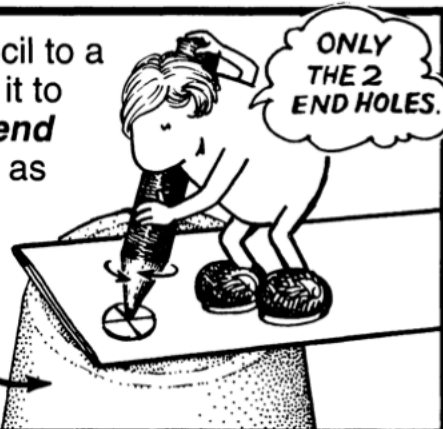
- 4** Cut into the opposite end about 1 cm (the width of a paper clip). Fold up and tape.



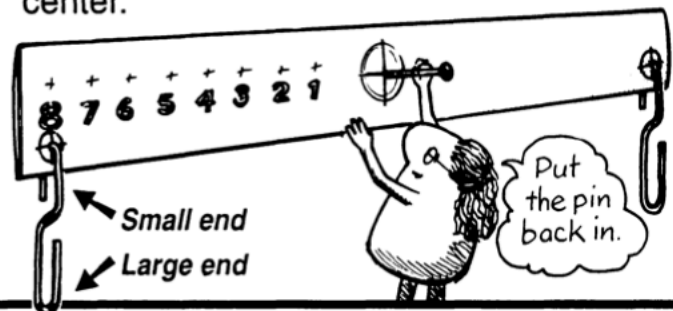
- 5** Repeat these steps to make a second weighing "pan."

- 6** Sharpen a pencil to a fine point. Use it to make the two **end** pinholes about as large as a pinhead.

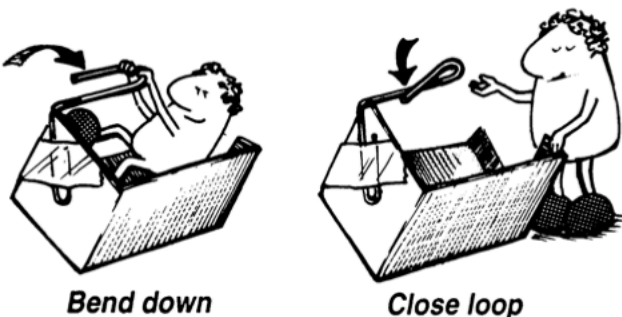
Use a foam cup or other "pincushion."



- 7** Poke two more unbent paper clips through the enlarged holes. Stick a pin through the center.



- 8** Bend the paper clip on each weighing pan forward, then loop the free end.



- 9** Mount your beam on a pin and clothespin. Hang a pan at each end, then center the beam with a folded tape rider.

