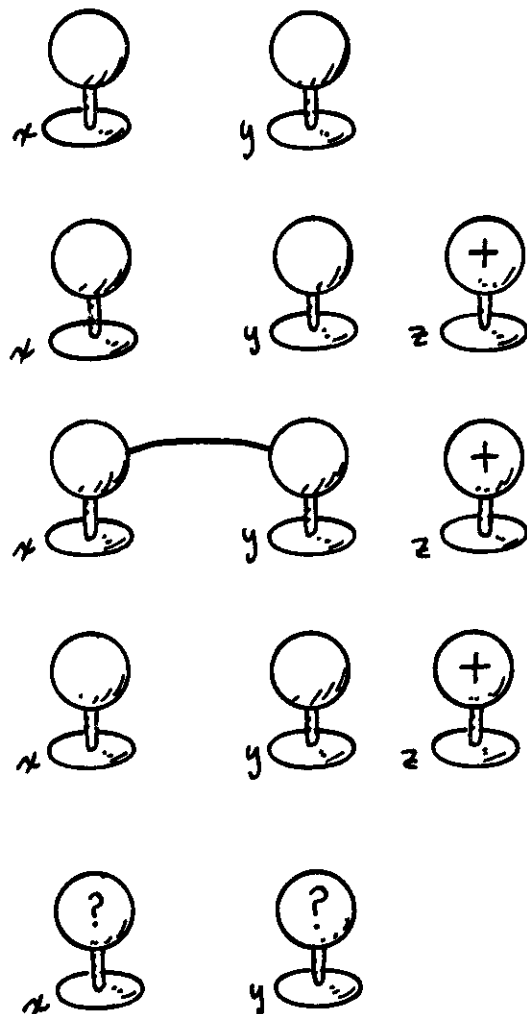


UNDER THE INFLUENCE

Two uncharged metal balls, X and Y, stand on glass rods. A third ball, Z, carrying a positive charge, is brought near the first two. A conducting wire is then run between X and Y. The wire is then removed, and ball Z is finally removed. When this is all done it is found that



- a) balls X and Y are still uncharged
- b) balls X and Y are both charged positively
- c) balls X and Y are both charged negatively
- d) ball X is + and ball Y is -
- e) ball X is - and ball Y is +