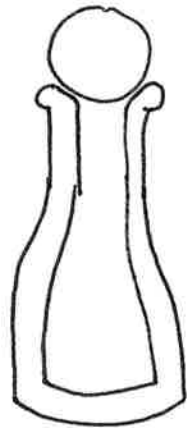
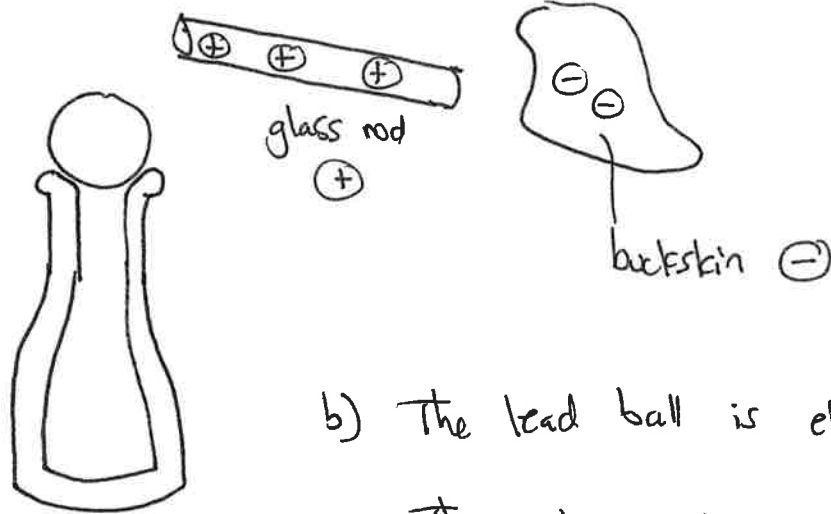


EX 3) (Charged balls)



b) The lead ball is electrified \oplus

The glass rod is still electrified \oplus ,
(but a bit less so).

c) The other lead ball is electrified \ominus ,
and the buckskin is still electrified \ominus ,
(but a bit less so).

d) The sum of the charges is zero.

e) The aluminum ball will be in unstable equilibrium. It will become polarized, and will be attracted to one of the balls, then will rattle back and forth until charge equilibrium is achieved.

