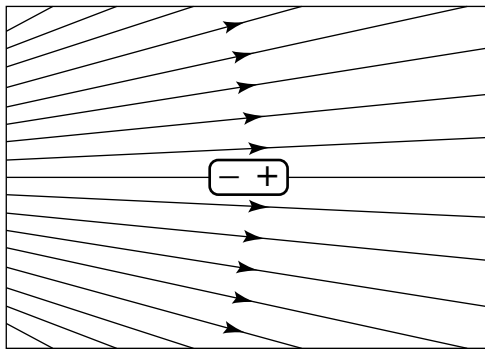
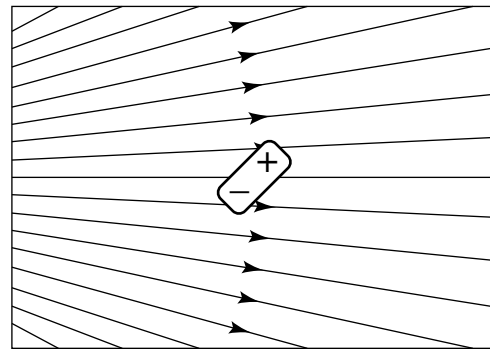


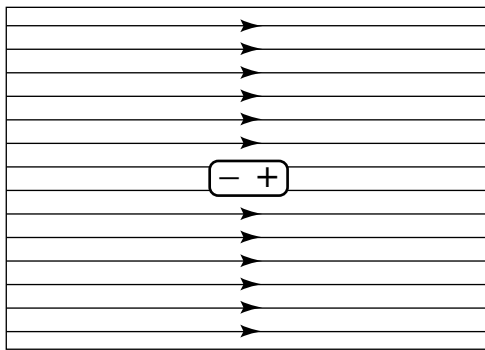
An electrically neutral dipole is placed in an external field. In which situation(s) is the net force on the dipole zero?



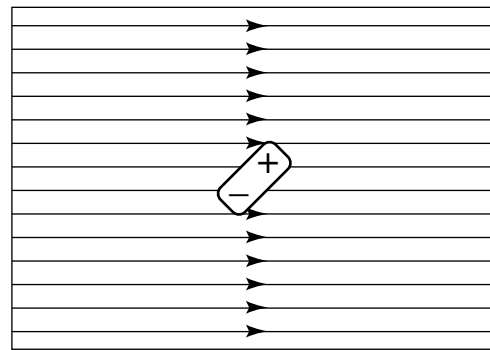
(a)



(b)



(c)



(d)

1. (a)
2. (c)
3. (b) and (d)
4. (a) and (c)
5. (c) and (d)
6. some other combination
7. none of the above