8. . What is the change in potential energy of a particle of charge +q that is brought from a distance of 3r to a distance of 2r by a particle of charge –q? (A) kq2 /r(B) ( -kq2 )/(6r) (C) kq2 / 4r2 (D) -kq2 / 4r2 (E) kq2 /r2