
Three point charges at triangle vertices. Three point charges of unequal magnitudes and polarities are placed at vertices of an equilateral triangle (Fig.Q1.2). The electric force \mathbf{F}_e on the lower right charge is

- (A) as in Fig.Q1.2(a).
- (B) as in Fig.Q1.2(b).
- (C) as in Fig.Q1.2(c).
- (D) as in Fig.Q1.2(d).
- (E) zero.

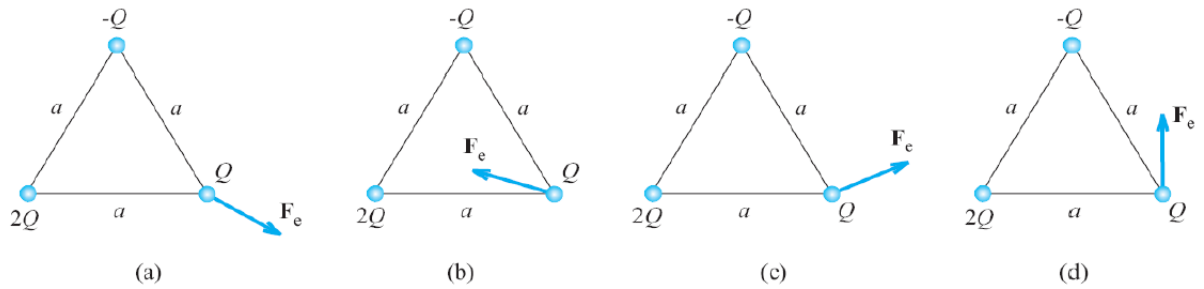


Figure Q1.2 Three unequal point charges at vertices of an equilateral triangle; for Question 1.2.

Solution: (C)

Answer: (C)