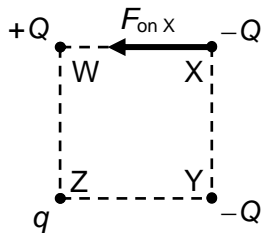


- 19 Point charges $+Q$, $-Q$, $-Q$, and q are located at the corners W, X, Y and Z of a square respectively as shown.

The charge at X experiences a net electric force towards W.



What is the magnitude of charge q in terms of Q ?

- A $+Q$
- B $+2Q$
- C $+2\sqrt{Q}$
- D $+2\sqrt{2}Q$