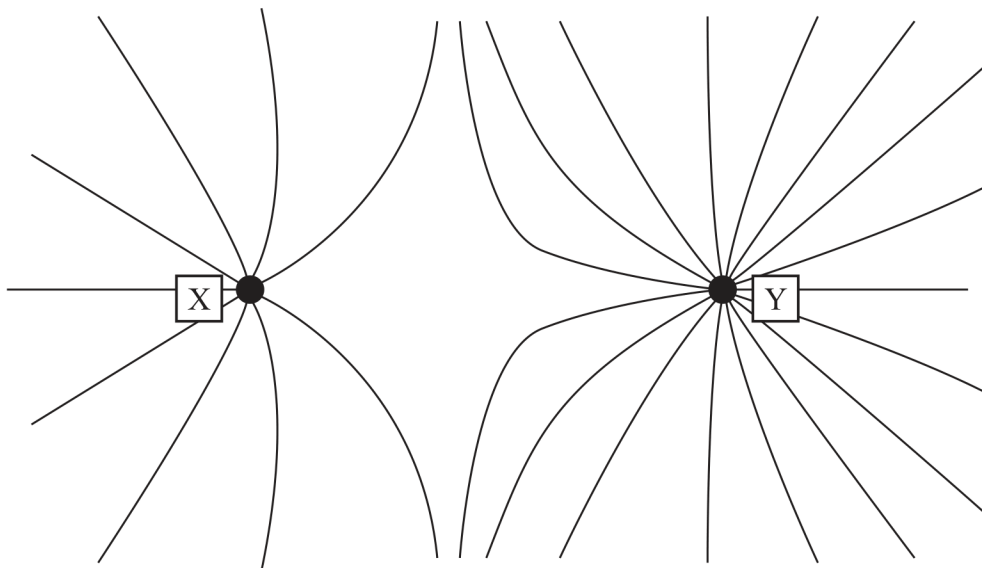


- 4 The diagram shows the shape of the electric field pattern between two charged particles, X and Y.



X has a charge of $-Q$.

Which of the following could be the charge of Y?

- ☐ A $-Q$
- ☐ B $-2Q$
- ☐ C $+Q$
- ☐ D $+2Q$

(Total for Question 4 = 1 mark)