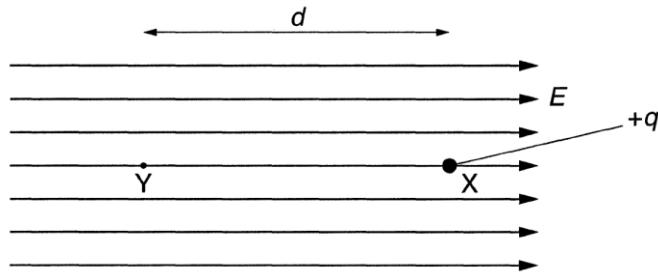


17

The diagram below shows a charge  $+q$  at X in a uniform electric field of electric field strength E.



The charge at X is moved to Y through a distance  $d$ .

What is the work done on the charge?

**A**

$$+\frac{qE}{d}$$

**B**

$$-\frac{qE}{d}$$

**C**

$$+ qEd$$

**D**

$$-qEd$$