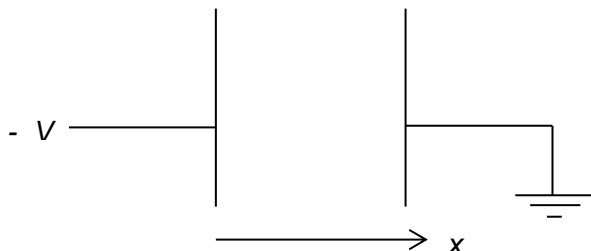
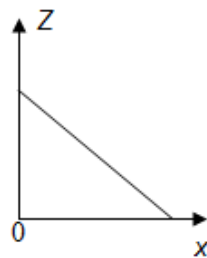
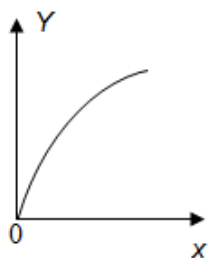


- 19 Two parallel plates are arranged as shown, with the right plate being earthed and the left plate at a negative potential, $-V$.



An electron is released from rest from the surface of the left plate and travels to the right plate.

The graphs below show the variations with displacement x of two quantities Y and Z of the electron as it moves from the left plate to the right plate.



Which one of the following quantity could Y and Z represent for the electron?

	quantity Y	quantity Z
A	speed	electric potential energy
B	speed	electric force
C	kinetic energy	electric potential energy
D	kinetic energy	electric force