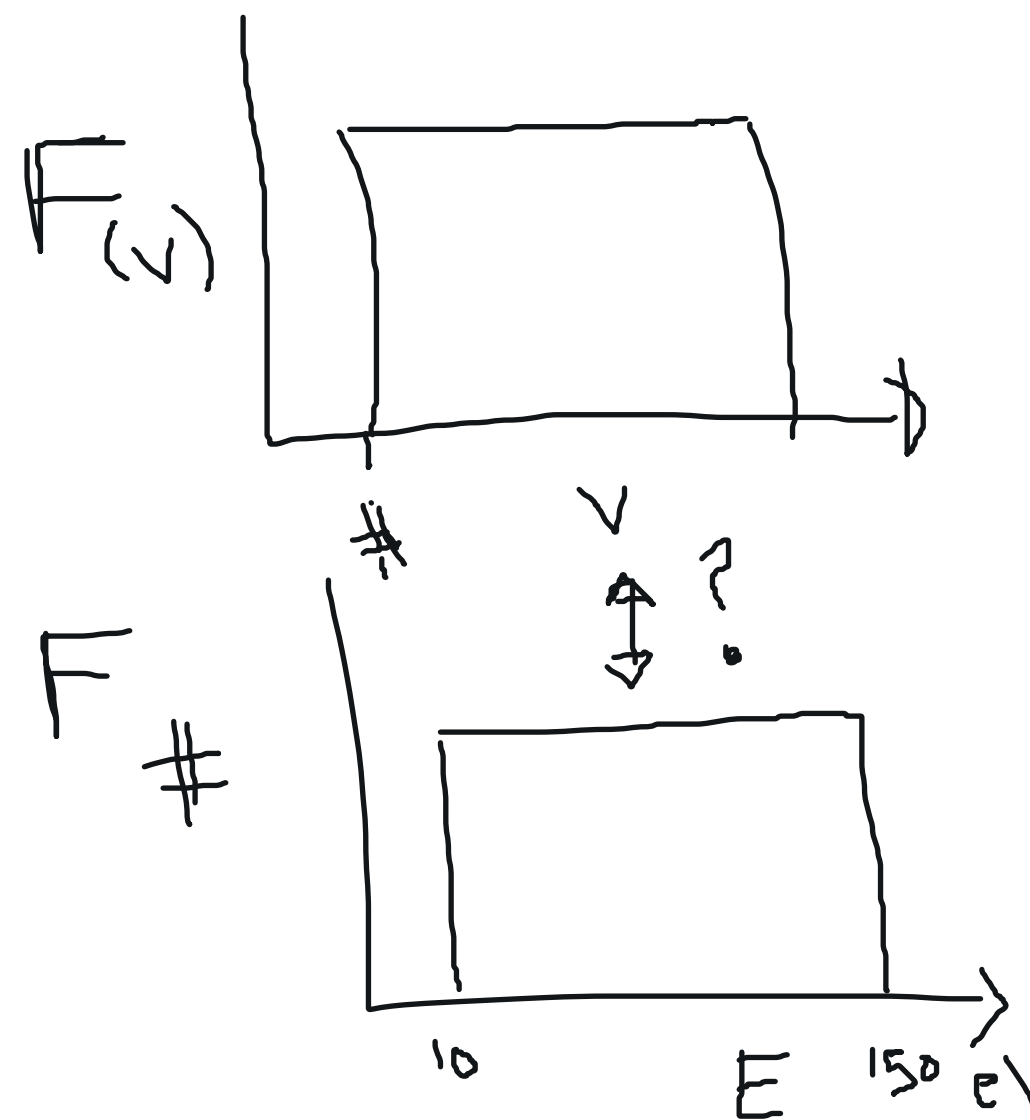


A.9

~~$$F(E) = \frac{v^2}{m} f(v)$$~~

Joule

$$f(v) = \frac{m}{v^2} F(E)$$



(not Joule)

$$\int_b f(v) dv = \int \frac{m}{v^2} C dv$$

When  $E > 10$  and  $E < 150$

When  $E > 150$  and  $E < 10$

$$\frac{m}{v} C \Rightarrow$$

$$I = Ne^{-} \vec{v} \cdot \vec{A}$$

$$v = \frac{I}{NeA}$$