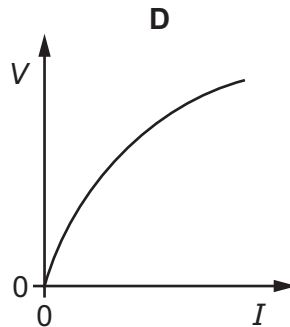
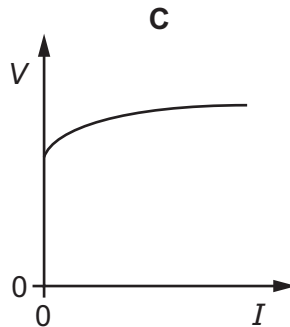
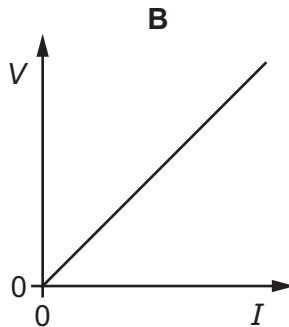
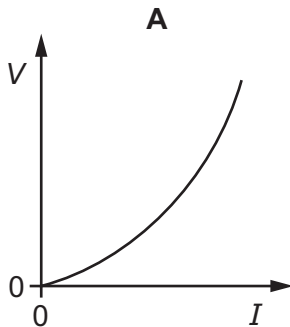


**34** Which graph shows the variation with current  $I$  of the potential difference  $V$  of a filament lamp?



**35** A wire of length  $1.0\text{ m}$  has a resistance of  $5.0 \times 10^{-6} \Omega$ . The wire is cut into two equal parts. What is the resistance of one of the parts?