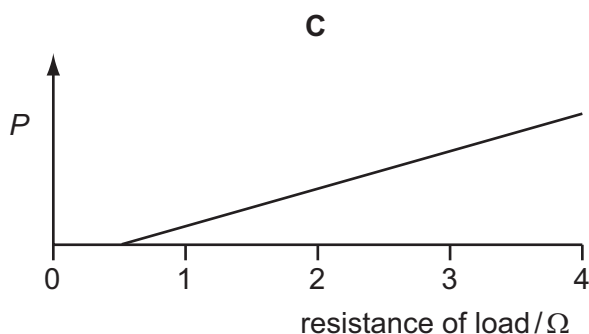
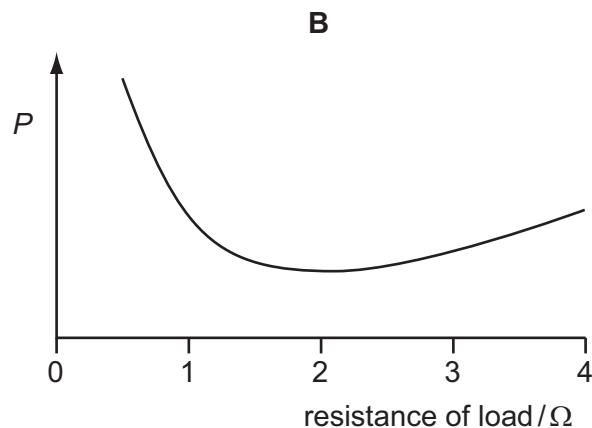
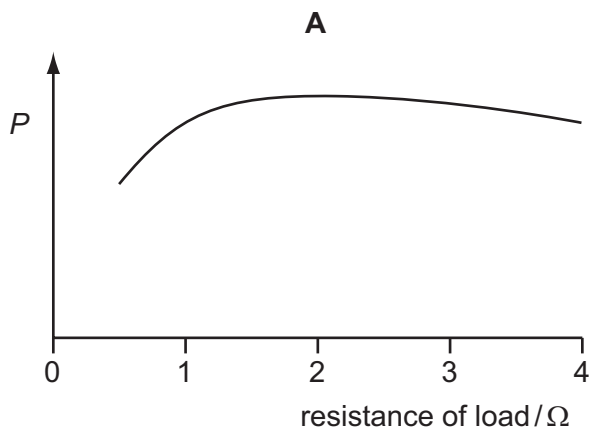


- 35 A power supply of electromotive force (e.m.f.) 12 V and internal resistance $2\ \Omega$ is connected in series with a load resistor. The value of the load resistor is varied from $0.5\ \Omega$ to $4\ \Omega$.

Which graph shows how the power P dissipated in the load resistor varies with the resistance of the load resistor?



Space for working