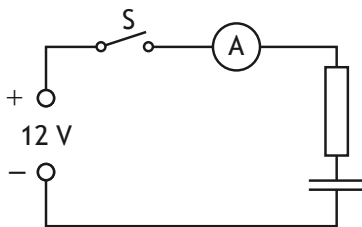


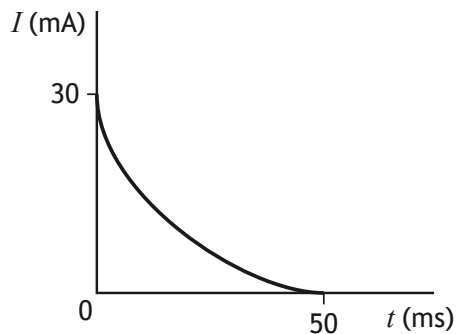
22. A circuit is set up as shown.



The capacitor is initially uncharged.

Switch S is now closed and the capacitor charges.

The graph shows how the charging current I in the circuit varies with time t .



The capacitor is now replaced with an uncharged capacitor of greater capacitance.

The same charging process is repeated with this capacitor.

22. (continued)

Which graph shows how the current I varies with time t as this capacitor charges?

