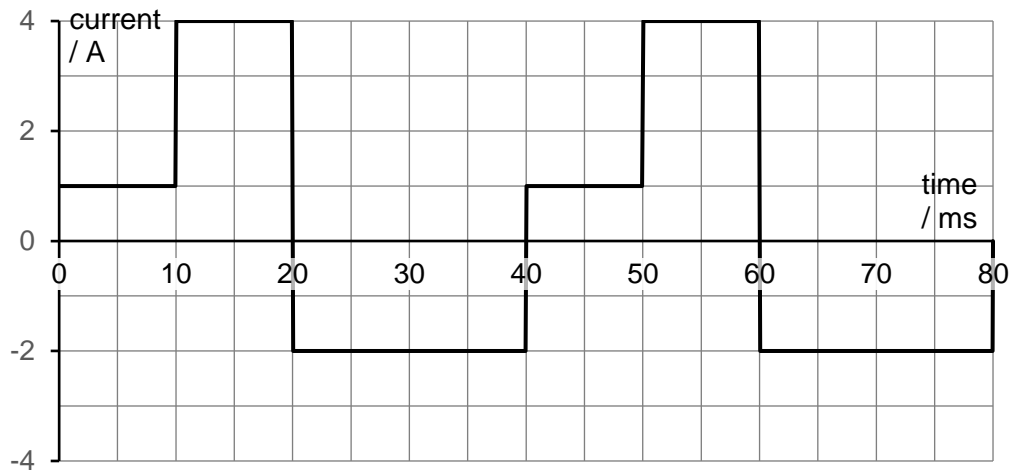


26 The graph below shows how the current in a coil varies with time.



What is the value of a steady current that will dissipate heat in the coil at the same average rate as the current above?

A 1.5 A

B 2.3 A

C 2.5 A

D 2.6 A

27 A coil of resistance $10\ \Omega$ is connected to a 240 V a.c. supply. The coil is then connected to a 12 V d.c. supply.