

- 33** A low-voltage supply with an e.m.f. of 20 V and an internal resistance of  $1.5\ \Omega$  is used to supply power to a heater of resistance  $6.5\ \Omega$  in a fish tank.

What is the power supplied to the water in the fish tank?

- A** 41 W                      **B** 50 W                      **C** 53 W                      **D** 62 W

**Space for working**