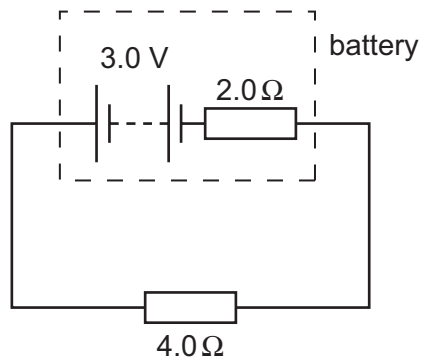


- 36** A battery has an e.m.f. of 3.0 V and an internal resistance of $2.0\ \Omega$.



The battery is connected to a load of $4.0\ \Omega$.

What are the terminal potential difference V and output power P ?

	V/V	P/W
A	1.0	0.50
B	1.0	1.5
C	2.0	1.0
D	2.0	1.5