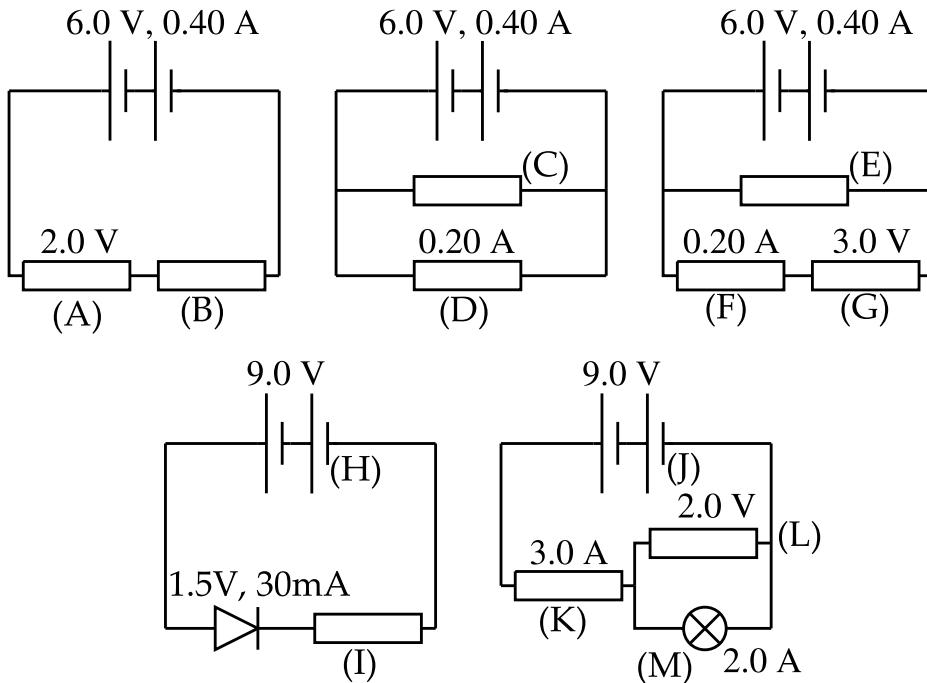


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## C4 Kirchhoff's Laws



If they are not given, fill out the currents and voltages for the question parts below:

	Current /A	Voltage /V
C4.1	(A) (a); (B) (b)	(A); (2.0) (B) (c)
C4.2	(C) (a); (D) (0.20)	(C) (b); (D) (c)
C4.3	(E) (a); (F) (0.20); (G) (d)	(E) (b); (F) (c); (G) (3.0)
C4.4	(H) (a); (I) (b)	(H) (3.0); (I) (c)
C4.5	(J) (a); (K) (3.0); (L) (c); (M) (2.0)	(J) (9.0); (K) (b); (L) (2.0); (M) (d)

### Additional Resistor combinations and power – on-line

[isaacphysics.org/assignment/phys19\\_c4\\_add](http://isaacphysics.org/assignment/phys19_c4_add)