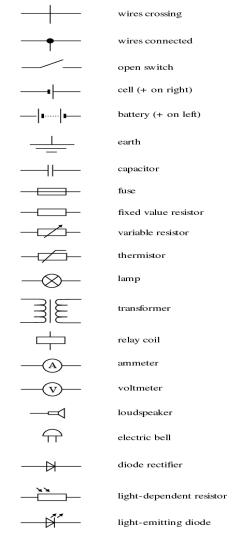
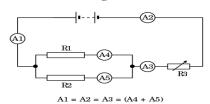
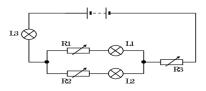
Electrical Circuit Diagrams



Detecting current

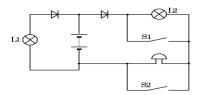


Changing light intensity



Increasing R1 makes L1 dim, but L2 brightens; L3 is unchanged Increasing R2 makes L2 dim, but L1 brightens; L3 is unchanged Increasing R3 makes all lamps dim

Switches and diode rectifiers



S1	S2	L2	Bell
Open	Open	Lit	Rings
Open	Closed	Lit	Silent
Closed	Open	Off	Rings
Closed	Closed	Off	Silent

L1 is always off