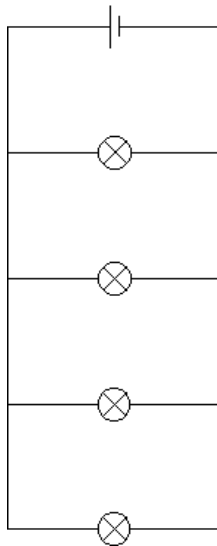


Turn on the light



In a house there are four lights in parallel. Draw three switches on the circuit so that:

- One switch can turn off all the lamps, (label this switch A).
- Another switch can leave two of the lamps on, and two of the lamps off, (label this switch B).
- Opening one switch will allow three lamps to be left on, (label this switch C).