


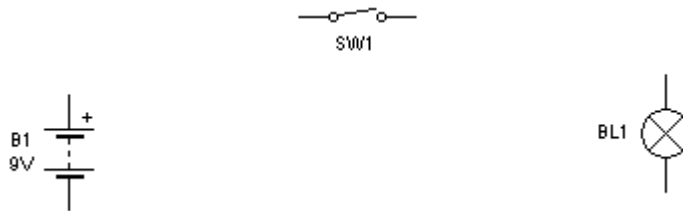
# DRAWING CIRCUITS

## TASK 1

Using the symbols below, produce a circuit on Livewire that will illuminate the bulb.

Press  to test the circuit. When you have it working, copy down the circuit using a pencil and ruler.

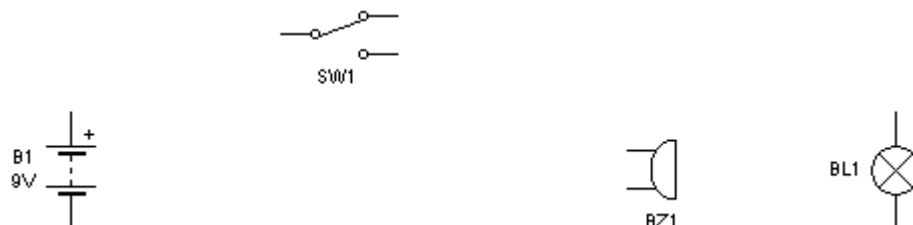
### CIRCUIT DIAGRAM 1



## TASK 2:

Below are parts of a circuit that need connecting so that the switch SW1 can activate either the buzzer when in the down position, or light the bulb when in the up position.

### CIRCUIT DIAGRAM 2



## TASK 3:

In the circuit below, a student has designed a circuit to activate a buzzer and two light bulbs when each switch it pressed. However there are two errors with the circuit, Simulate the circuit and indicate the faults on the diagram below.

### CIRCUIT DIAGRAM 3

