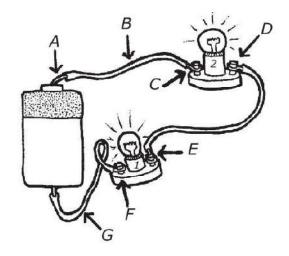
NAME	DATE

Scenario

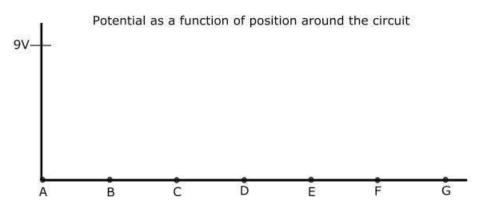
You have been given a 9V battery connected by wires to two identical light bulbs as shown.

Using Representations

PART A: Sketch a circuit diagram for the setup shown. Label positions A-G on your circuit diagram.



PART B: Sketch a qualitative electric potential vs. position graph.



Qualitative Analysis

PART C: If a wire is connected between points D and F, what happens to the brightness of the bulbs?

Bulb 1:	Increases in brightness Stays the same brightness	Decreases in brightness
Bulb 2:	Increases in brightness Stays the same brightness	Decreases in brightness
Justify your cho	ices above in a few short sentence	s.

