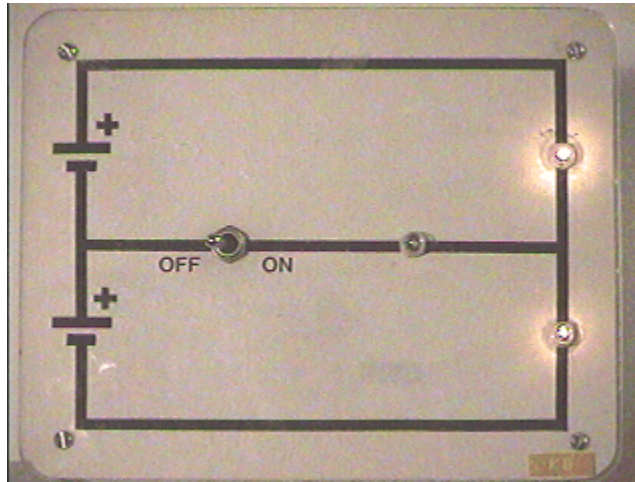


## Question #21

The circuit photographed below includes three identical light bulbs and two identical batteries, wired as seen in the photograph. In this photograph the switch is OFF, that is, the circuit is open at that point. The intensity level of the two light bulbs is identical (well, almost in the photograph).



The question this week is: What will happen when the switch is turned ON, closing the circuit.

The upper light bulb will:

- (a) become brighter.
- (b) become dimmer.
- (c) stay the same.

The lower light bulb will:

- (a) become brighter.
- (b) become dimmer.
- (c) stay the same.

The center light bulb will:

- (a) go ON.
- (c) stay OFF.

Click here for [Answer #21](#) after July 17, 2000.

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For questions and comments regarding the *Question of the Week* contact [Dr. Richard E. Berg](#) by e-mail or using phone number or regular mail address given on the [Lecture-Demonstration Home Page](#).