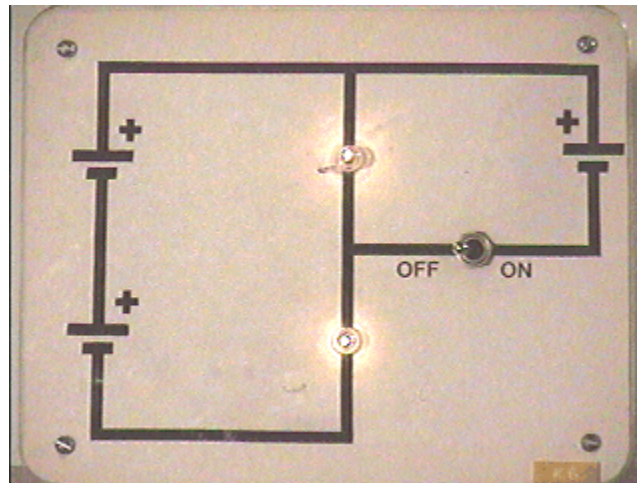


Question #22

Following up on the last Physics Question of the Week, we have another circuit problem.

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



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

Click here for [Answer #22](#) after July 24, 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](#).