PES, Section 1.2
Basic Components

1.    Which of the following basic components <u>were not</u> discussed in PES Section 1.2.

_____ LED                          _____ Button          **_X__** Dial

**_X__** Motion Detector          _____ Switch          **_X__** Dip Switch


2.    True or False?

The inputs and outputs to the Riverside-Irvine Microcontroller Simulator (RIMS) are analog signals. The programmer must write C code to perform analog-to-digital conversion to read the inputs and digital-to-analog conversion to write to the outputs.

**False – The RIM inputs and outputs are digital.**


3.    True or False?

The RIMS inputs are named PortA0 … PortA7, and the RIM outputs are named PortB0 … PortB7.

**False – The RIM inputs are named A0…A7 and the outputs are named B0…B7.**

**In-class exercises, quizzes, and exams will refer to RIM, not ATmega. Make sure that you don't confuse the two.**