Review #1

1) An Arduino is a:

- a. Microcomputer
- b. Sensor Reader
- c. Solid State Relay
- d. MicroController

2) Arduinos can M_____ and C_____.

3) An LED needs a _____ limiting resistor to protect it from burnout.

4) The long lead of the LED is the _____ lead.

5) A Resistor with the Colors (Brown, Black, Orange, Gold) is _____ Ω

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Black	0	0	0	100	
Brown				101	±1%
Red	2	2	2	10 ²	±2%
Orange	3	3	3	103	
Yellow	4	4	4	104	
Green	5	5	5	105	±0.5%
Blue	6		6	105	±0.25%
Violet	7		7	107	±0.1%
Grey		8		108	±0.05%
White	9	9	9	10 ⁹	
Gold				10-1	±5%
Silver				10-2	±10%

Review #1 - KEY

1) An Arduino is a:

- a. Microcomputer
- b. Sensor Reader
- c. Solid State Relay
- d. MicroController

2) Arduinos can Measure and Control.

3) An LED needs a **__Current__** limiting resistor to protect it from burnout.

4) The long lead of the LED is the **__positive**_ lead.

5) A Resistor with the Colors (Brown, Black, Orange, Gold) is ${f 10,}000~\Omega$

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Black	0	0	0	100	
Brown			1	101	±1%
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